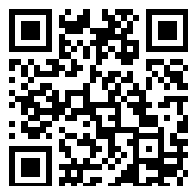

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DEPARTMENT OF COMMERCE
U.S. BUREAU OF NAVIGATION
RADIO SERVICE

**COMMERCIAL AND GOVERNMENT
RADIO STATIONS OF THE
UNITED STATES**

EDITION JUNE 30, 1920



WASHINGTON
GOVERNMENT PRINTING OFFICE
1920

Additional copies of this publication may be procured from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 15 cents per copy.

Copies of other publications of the Radio Service, Department of Commerce, may also be procured from the Superintendent of Documents, as follows: Radio Communication Laws and Regulations, 15 cents each; Radio Service Bulletin (issued monthly), containing amendments to or changes in radio laws and regulations and items of general interest concerning their enforcement, with latest information concerning all radio stations, except amateur, 5 cents each or 25 cents per year.

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NOTES.

Supplements, under the title "Radio Service Bulletin," are issued monthly and distributed to the United States officers engaged in or concerned with the enforcement of the radio laws for their guidance and instruction, and to those concerned with the operation of Government and commercial radio stations for their information.

Amendments to or changes in the Radio Laws and Regulations of the United States are printed in this bulletin in such a manner that they may be clipped and pasted in their proper places in that publication.

Items of general interest concerning the enforcement of the radio laws are printed in the bulletin from time to time, as occasion warrants.

Copies of this bulletin may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents per copy or 25 cents per year.

Underscoring of normal wave length is indicated by the use of italics.

ABBREVIATIONS USED IN THIS LIST.

Nature of service:

PG=General public.

PR=Limited public.

P=Private (limited commercial and special).

O=Government business exclusively.

Hours of operation:

N=Continuous service.

X=No regular hours.

Vessel owners:

U. S. S. B.=United States Shipping Board.

Radio companies:

C. & W. R. C.=Cutting & Washington Radio Corporation.

F. T. Co.=Federal Telegraph Co.

I. R. T. Co.=International Radio Telegraph Co.

I. W. T. Co.=Independent Wireless Telegraph Co.

R. C. of A.=Radio Corporation of America.

S. O. R. S.=Ship Owners Radio Service.

T. R. T. Co.=Tropical Radio Telegraph Co.

Classification:

b=Ship station.

c=Land station.

DF=Direction-finding service only, general public, no charges.

COMMERCIAL AND GOVERNMENT RADIO STATIONS OF THE UNITED STATES.

INTRODUCTION.

This list, including land and ship stations, is published in accordance with section 1 of an act of Congress entitled "An act to regulate radio communication," approved August 13, 1912.

This publication contains a complete list of the commercial and Government land and ship stations, technical and training stations, experimental stations, and special amateur stations. A complete list of Amateur Radio Stations of the United States is printed separately, copies of which are available only from the Superintendent of Documents, Government Printing Office, Washington, D. C., at a nominal price.

The following instructions concerning radio call letters are issued for the information of those concerned:

1. Section 7 of the act of August 13, 1912, to regulate radio communication provides:

SEC. 7. That a person, company, or corporation within the jurisdiction of the United States shall not knowingly utter or transmit, or cause to be uttered or transmitted, any false or fraudulent distress signal or call or false or fraudulent signal, call, or other radiogram of any kind. The penalty for so uttering or transmitting a false or fraudulent distress signal or call shall be a fine of not more than two thousand five hundred dollars or imprisonment for not more than five years, or both, in the discretion of the court, for each and every such offense, and the penalty for so uttering or transmitting, or causing to be uttered or transmitted, any other false or fraudulent signal, call, or other radiogram shall be a fine of not more than one thousand dollars or imprisonment for not more than two years, or both, in the discretion of the court, for each and every such offense.

2. The Service Regulations of the International Radiotelegraphic Conventions provide that the call letters of stations in the international system must each be formed of a group of three letters which shall be distinguishable from one another. The London International Radiotelegraphic Conference made a partial allotment of call letters among nations which signed the convention, and the International Bureau at Berne, with the consent of such nations, has modified and added to this assignment of call letters by circulars April 1, 1914, and August 1, 1915. The distribution of call letters among nations thus authorized is printed as follows for the guidance of operators of all stations (ship and shore) of the United States:

A.....See Note A.	ONA to OTZ...Belgium and colonies.
B ¹.....Great Britain.	OUA to OZZ...Denmark.
CAA to CEZ...Chile.	PAA to PIZ...Netherlands.
CFA to CKZ...Great Britain and pro- tectorates.	PJA to PJM...Curaçao (Dutch).
CLA to CMZ...Spain.	PJN to PJZ...Surinam (Dutch).
CNA to CNZ...Morocco.	PKA to PMZ...Dutch East Indies.
COA to COZ...Great Britain.	PNA to PPZ...Brazil.
CPA to CPZ...Bolivia.	PQA to PQZ...Portugal.
CQA to CQZ...Monaco.	PTA to PVZ...Brazil.
CRA to CUZ...Portugal and possessions.	PWA to PZZ...Netherlands.
CVA to CVZ...Roumania.	Q.....Reserved for code abbre- viations.
CWA to CWZ...Uruguay.	R.....Russia.
CXA to CXZ...Spain.	SAA to SMZ...Sweden.
CYA to CZZ...Mexico.	SNA to STZ...Brazil.
D.....See Note A.	SUA to SUZ...Egypt.
EAA to EHZ...Spain and colonies.	SVA to SZZ...Greece.
EIA to EZZ...Great Britain.	TAA to TMZ...See Note A.
F.....France and colonies.	TNA to TZZ...See Note A.
G.....Great Britain.	UAA to UMZ...France and colonies.
HAA to HFZ...See Note A.	UNA to UNZ...Bosnia-Herzegovina.
HGA to HHZ...Siam.	UOA to UZZ...See Note A.
HIA to HIZ...Dominican Republic.	VAA to VGZ...Canada (British).
HJA to HKZ...Republic of Colombia.	VHA to VKZ...Australian Federation (British).
HLA to HNU...Spain.	VLA to VMZ...New Zealand (British).
HNV to HNZ...New Hebrides.	VNA to VNZ...South African Union (British).
HOA to HZZ...France and colonies.	VOA to VOZ...Newfoundland (British).
I.....Italy and colonies.	VPA to VSZ...British colonies not au- tonomous.
J.....Japan and colonies.	VTa to VWZ...British India.
KAA to KCZ...See Note A.	VXA to VZZ...Colonies and protectorates of Great Britain.
KDA to KZZ...United States.	W.....United States.
LAA to LHZ...Norway.	XAA to XDZ...Mexico.
LIA to LRZ...Argentine Republic.	XEA to XMZ...Great Britain.
LSA to LUZ...Great Britain.	XNA to XSZ...China.
LVA to LVZ...Guatemala.	XTA to XZZ...Great Britain.
LWA to LWZ...Norway.	Y.....Great Britain.
LXA to LZZ...See Note A.	Z.....Great Britain.
M.....Great Britain.	
N.....United States.	
OAA to OBZ...Peru.	
OCA to OFZ...Great Britain.	
OGA to OMZ...See Note A.	

¹ The call letters BAA to BVC are no longer assigned to British vessels of war. Accordingly, all the calls from BAA to BVC may be canceled. The call letter BXZ henceforth designates any vessel of the British Navy whatsoever.

NOTE A.—The calls beginning with A, with D, from KAA to KCZ, and from TNA to TZZ were reserved for Germany and possessions and are subject to change involved in results of the Versailles Treaty of Peace. The same applies to calls from HAA to HFC assigned to Hungary, LXA to LZZ to Bulgaria, OGA to OMZ to Austria, TAA to TMZ to Turkey, UOA to UZZ to Austria-Hungary.

PUBLIC-SERVICE STATIONS.

3. The call letters assigned to the United States are all three and four letter combinations beginning with the letter N and all beginning with the letter W, and all combinations from KDA to KZZ,

inclusive. The international call letters assigned to the United States are reserved for Government stations and stations open to public and limited commercial service.

(a) All combinations beginning with the letter N are reserved for Government stations, and, in addition, the combinations from WUA to WVZ and WXA to WZZ are reserved for stations of the United States Army.

(b) During the war the combinations of three letters beginning with K, W, and N were exhausted, and it was necessary to assign combinations of four letters beginning with K, W, and N. Operators should be careful in transmitting call letters to avoid confusion between the three and the four letter combinations.

LIMITED COMMERCIAL STATIONS.

4. Call letters for limited commercial land and ship stations are allotted by the Bureau of Navigation.

RADIO STATIONS OF THE WORLD.

5. The International List of Radio Stations of the World (edition in English) can be procured from the International Bureau of the Telegraphic Union (Radiotelegraphic Service), Berne, Switzerland. In addition to the information contained in the list of the United States stations, published by the Bureau of Navigation, the international list shows geographical locations, normal ranges in nautical miles, radio systems, and rates. The international list includes the Government and commercial land and ship stations of the United States. The list is divided into three sections. The first section contains a list of coast stations grouped by countries and arranged alphabetically; the second section contains a list of ship stations arranged in the same manner; and the third part contains tables of land line and cable charges from coast radio stations to inland and various other points. In computing the total word rate applicable to a radiogram from a ship station to an inland point, or vice versa, the three rates must be added. The rates in the international list are stated in francs and centimes. Supplements to the international list will be issued monthly, and will contain new stations and tables of alterations. A copy of the international list should be in every land and ship station open to commercial business as the official tariff book, and a copy of this list is required as a part of the equipment of every land station open to general public service and every ship station of the first or second class on American vessels engaged in foreign trade or the transoceanic service. The international alphabetical list of call letters (stations of the world) is also issued by the International

Bureau at Berne, and supplements are issued monthly. Inquiries as to the subscription prices of these lists should be made direct to the Berne bureau at the address given above. Remittances to Berne should be made by international postal money orders.

E. T. CHAMBERLAIN,
Commissioner of Navigation.

Approved:

EDWIN F. SWEET,
Acting Secretary of Commerce.

COMMERCIAL LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Akutan, Alaska.....	KMW	300, 450, 600	PR	X	North Pacific Sea Products Co.
Alitak, Alaska.....	KYL	300, 500, 600	PR	X	Alaska Packers Assn.
Avalon, Calif.....	KUXV				Pacific Telep. & Teleg. Co.
Babylon, N. Y. <i>See</i> New York, N. Y.					
Becharof, Alaska.....	KUDV	150, 300, 600	PR	X	Alaska Packers Assn.
Belmar, N. J. <i>See</i> New Bruns- wick, N. J.					
Bolinas, Calif.....	KET	6700	PR	N	Radio Corp. of America.
Boston, Mass.....	WBF	300, 600	PG	N	Tropical Radio Teleg. Co.
Bristol Bay, Alaska. <i>See</i> Metha Nelson.					
Brooklyn, N. Y.....	WCG	300, 600	PG	N	International Radio Teleg. Co.
Burrwood, La.....	WBW	300, 600, 2200	PG	X	Tropical Radio Teleg. Co.
Butte, Mont.....	KMN	550, 1700	PR	X	Great Falls Power Co.
Cape Edwards, Alaska.....	KEY	300, 550, 600	PR	X	Deep Sea Salmon Co.
Chatham, Mass. <i>See</i> Marion, Mass.					
Cheboygan, Mich.....	KUXM	300, 450, 600	PR	X	Warren W. Kathan.
Chicago, Ill.....	WGO	300, 600, 2000	PR	(1)	Inter-City Radio Co.
Chichagof, Alaska.....	KWW	300, 550, 600	PR	X	Joseph T. Bauer.
Chignik, Alaska.....	KHC	300, 600, 1610	PR	X	Alaska Packers Assn.
Chisik Island, Alaska.....	KUCP				Surf Packing Co.
Clarks Point, Alaska.....	KHG	300, 400, 500, 600	PR	X	Alaska Packers Assn.
Cleveland, Ohio.....	WCX		PR		Inter-City Radio Co.
Crocker Building. <i>See</i> San Fran- cisco, Calif.					
Dallas, Tex.....	KUXP	300, 425, 600, 1650	PR	N	Continental Radio Teleg. & Teleg. Co.
Detroit, Mich.....	WDR		PR		Inter-City Radio Co.
Egegik, Alaska.....	KMF	300, 550, 600	PR	X	Libby, McNeill & Libby.
Ekuk, Alaska.....	KMG	300, 500, 600	PR	X	Libby, McNeill & Libby.
Ensenada, P. R.....	WPR	300, 600, 1610	PG	X	Guanica Centrale.
Fairport, Va.....	KDAH				C. E. Davis Packing Co.
False Pass, Alaska.....	KJL	300, 550, 600, 1700	PR	X	Sockeye Salmon Co.
Funter, Alaska.....	KXK	300, 550, 600	PR	X	Thinket Packing Co.
Great Falls, Mont. (Rainbow).....	KLQ	550, 1700	PR	X	Great Falls Power Co.
Hawk Inlet, Alaska.....	KKAI	300, 550, 600	PR	X	P. E. Harris & Co.
Hog Island, Pa.....	KDAB		P	X	American International Shipping Corp.
Ikatan, Alaska.....	KXW	300, 450, 600	PR	X	Pacific American Fisheries.
Johnswood, Mich.....	KUVQ	300, 450, 600	PR	X	Kreetan Co.
Jordan, Mont.....	KUVR	500	PR	(2)	Miles City-Jordan Wireless Co.
Jualin, Alaska.....	KJA	300, 600, 1980	PG	X	Jualin Alaska Mines Co.
Kahuku, Hawaii.....	KTE	9000	PG	N	Radio Corp. of America.
Karluk, Alaska.....	KYK	150, 300, 600	PR	X	Alaska Packers Assn.
Kaunakakai, Hawaii.....	KHO	300, 400, 600	PR	(3)	Mutual Telephone Co.
Kawaihae, Hawaii.....	KHN	300, 500, 600	PR	(4)	Mutual Telephone Co.
King Cove, Alaska.....	KJK	300, 450, 600, 1610	PG	X	Pacific-American Fisheries Co.
Koggiung, Alaska (moored vessel).....	KUBX	150, 300, 600	PR	N	Alaska Packers Assn.
Koggiung, Alaska.....	KVV	300, 450, 600, 1610	PR	(5)	Libby, McNeill & Libby.
Koko Head, Hawaii. <i>See</i> Kahuku.					
Kussilof, Alaska.....	KKAO	525, 600, 1610	PR	X	Alaska Packers Assn.
Kvichak, Alaska.....	KHB	300, 400, 500, 600	PR	X	Alaska Packers Assn.
Kwiguk Slough, Alaska.....	KOV	550, 600, 1610	PR	X	Carlisle Packing Co.
Lahaina, Hawaii.....	KHL	300, 500, 600	PR	(3)	Mutual Telephone Co.
Latouche, Alaska.....	KTM	300, 600, 1650	PG	(6)	Kennecott Copper Corp.

¹ Operates from 8.30 a. m. to 5 p. m.

² Operates from 8 a. m. to 6 p. m.

³ Operates from 7 a. m. to 5.30 p. m.

⁴ Operates from 7 a. m. to 12 p. m.

⁵ Operates from 6.30 to 9.30 p. m.

⁶ Operates from 1 to 5 p. m. week days; 11 a. m.
to 12 noon Sundays.

10 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

COMMERCIAL LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Lazy Bay, Alaska.....	KEPS	300, 600, 1650	PR	X	Alitak Packing Co.
Libbyville, Alaska.....	KMT	300, 600, 1700, 2200	PR	X	Libby, McNeill & Libby.
Lihue, Hawaii.....	KHM	300, 500, 600	PR	(1)	Mutual Telephone Co.
Lockanok, Alaska.....	KML	300, 550, 600, 1650	PR	X	Libby, McNeill & Libby.
Long Beach, Calif.....	KUXT				Pacific Telep. & Teleg. Co.
Lost Harbor, Alaska.....	KWS	300, 600	PR	X	Alaska Sulphur Co.
Marion, Mass.....	WSO	12000	PR	N	Radio Corp. of America.
Marshall, Alaska.....	KIS	300, 550, 600, 1650	PR	(2)	John C. Currin.
Marshall, Calif. <i>See</i> Bolinas, Calif.					
Metha Nelson (moored schooner).....	KMP	250, 300, 525, 600	PR	X	Alaska Packers Assn.
Miles City, Mont.....	KUXN	500	PR	(3)	Miles City-Jordan Wireless Co.
Nakat Inlet, Alaska.....	KDW	300, 525, 600, 1700, 2000	PR	X	G. W. Hume & Co.
Naknek, Alaska.....	KHT	300, 600, 1610	PR	X	Alaska Packers Assn.
Naknek, Alaska.....	KMK	300, 500, 600	PR	X	Naknek Packing Co.
Nelson Lagoon, Alaska.....	KXV	300, 450, 600	PR	X	Pacific American Fisheries Co.
New Brunswick, N. J.....	WHI	13600	PR	N	Radio Corp. of America.
New London, Conn.....	WLC	300, 600	PG	N	International Radio Teleg. Co.
New Orleans, La.....	WNU	300, 600, 2200	PG	N	Tropical Radio Teleg. Co.
Newport, R. I.....	WCI	300, 600	PG	X	International Radio Teleg. Co.
New York, N. Y.....	WHB	300, 600	PG	X	E. J. Simon.
New York, N. Y.....	WNY	300, 450, 600	PG	N	Radio Corp. of America.
New York, N. Y.....	WSE	300, 450, 600	PG	N	Independent Wireless Teleg. Co.
New York, N. Y.....	WHI	300, 600, 1700	PR	(4)	John Wanamaker.
Nushagak, Alaska.....	KKAE				Libby, McNeill & Libby.
Ogden, Utah.....	KUPQ	200, 425	PR	X	Ogden - Portland Cement Co.
Philadelphia, Pa.....	WHE	300, 600, 1700	PR	(4)	John Wanamaker.
Pilot Point, Alaska.....	KUDT	150, 300, 600	PR	X	Alaska Packers Assn.
Pirate Cove, Alaska.....	KOXX	300, 600, 1650	PR	(5)	Union Fish Co.
Port Althorp, Alaska.....	KLW	300, 450, 525, 600	PR	X	Deep Sea Salmon Co.
Port Beauchaire, Alaska.....	KWO	300, 550, 600	PR	X	Beauchaire Packing Co.
Port Chatham, Alaska.....	KWH				Alaska Ocean Food Co.
Port Moller, Alaska.....	KWR	300, 450, 600, 1610	PR	(6)	Pacific American Fisheries Co.
Port Walter, Alaska.....	KEQ	300, 500, 525, 600	PR	X	Alaska Herring & Sardine Co.
Saltchuck, Alaska.....	KWQ	300, 550, 600	PR	X	Saltchuck Mining Co.
Snag Point, Alaska.....	KHF	300, 400, 500, 600	PR	X	Alaska Packers Assn.
Sulzer, Alaska.....	KKAA	300, 550, 600	PR	X	Charles A. Sulzer.
Teller, Alaska.....	KWT		PR	X	Max R. Hirschberg.
Tenakee, Alaska.....	KOSC	300, 550, 600	PG	X	Columbia Salmon Co.
Thompson Falls, Mont.....	KLL	550, 1700	PR	X	Thompson Falls Power Co.
Tuckerton, N. J.....	WGG	8000	PG	N	Radio Corp. of America.
Ugagak, Alaska. <i>See</i> Egegik, Alaska.					
Ugashik, Alaska.....	KMU	300, 500, 600	PR	X	Red Salmon Canning Co.
Unga Island, Alaska.....	KVI	300, 600, 1650	PR	X	Alaska Codfish Co.
Uyak, Alaska.....	KHA	300, 600, 1610	PR	X	Alaska Packers Assn.
Wahiawa, Hawaii.....	KHK	300, 550, 600	PG	N	Mutual Telephone Co.
Washington Bay, Alaska.....	KQS	300, 450, 525, 600	PR	X	Petersburg Packing Co.
Wichita Falls, Tex.....	KUXQ	1750	PR	N	Continental Radio Teleg. & Telep. Co.
Yakutat, Alaska.....	KKA	300, 550, 600	PR	X	Libby, McNeill & Libby.

¹ Operates from 7 a. m. to 5.30 p. m.

² Operates from 9 a. m. to 7 p. m.

³ Operates from 8 a. m. to 6 p. m.

⁴ Operates from 9 a. m. to 5 p. m.

⁵ Operates from 9 to 11 a. m. and 6 to 12 p. m.

⁶ Operates from 6.30 to 9.30 p. m.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Abangarez.....	KDI	300,600	PG	United Fruit Co.....	T. R. T. Co.
Abbeville.....	KLN	300,600	PG	U. S. S. B.....	S. O. R. S.
Abercos.....	KOVR	300,600	PG	do.....	Do.
Aberdeen.....	WXIU	300,600	PG	do.....	Do.
Ablanet.....	KIXF	300,600	PG	do.....	I. W. T. Co.
Abner Coburn.....	WHR	300,450,600, 1,800	PG	Libby, McNeill & Libby.	S. O. R. S.
Abraham Lincoln.....	KIXS	300,600	PG	U. S. S. B.....	Do.
Abron.....	KEBD	300,600	PG	do.....	R. C. of A.
Abzaroka.....	WKW	300,600	PG	do.....	Do.
Absecon.....	KSEA	300,600	PG	do.....	I. W. T. Co.
A. C. Bedford.....	KNZ	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Accomac.....	KMOE	300,600	PG	U. S. S. B.....	S. O. R. S.
Achilles.....	KPT	300,450,600	PG	Panama R. R. Co.....	Owner of vessel.
Acme.....	KIJ	300,600	PG	Standard Transporta- tion Co.	R. C. of A.
Acrema.....	KEDD	300,600	PG	U. S. S. B.....	I. W. T. Co.
Aculeo.....	KEQQ	300,600	PG	do.....	S. O. R. S.
Addison.....	WBAU	300,600	PG	do.....	Do.
Admiral Dewey.....	WAY	300,600	PG	Pacific S. S. Co.....	Do.
Admiral Evans.....	KICZ	300,600	PG	do.....	Do.
Admiral Farragut.....	WAF	300,450,515, 600	PG	do.....	Do.
Admiral Goodrich.....	WRJ	300,440,520, 600	PG	do.....	Do.
Admiral Mayo.....	WZIO	300,440,525, 600	PG	Pacific-Alaska Navi- gation Co.	Owner of vessel.
Admiral Nicholson.....	KMAA	300,450,600	PG	Pacific S. S. Co.....	S. O. R. S.
Admiral Rodman.....	WOA	300,600	PG	do.....	R. C. of A.
Admiral Schley.....	WAZ	300,600	PG	do.....	S. O. R. S.
Admiral Sebree.....	WAG	300,600	PG	Pacific-Alaska Navi- gation Co.	Do.
Admiral Sims.....	KXUO	300,440,525, 600	PG	do.....	Owner of vessel.
Admiral Wainwright.....	WSF	300,450,600	PG	Pacific S. S. Co.....	S. O. R. S.
Admiral Watson.....	WAW	300,450,525, 600	PG	do.....	Do.
Adria.....	KUSZ	300,450,600	PG	U. S. S. B.....	Owner of vessel.
Advance.....	KMV	300,450,600	PG	Panama R. R. Co.....	R. C. of A.
Adway.....	WBEA	300,600	PG	U. S. S. B.....	Do.
Aeolus.....	KOZC	300,600	PG	do.....	S. O. R. S.
A. E. R. Schneider.....	WFUI	300,450,600	PG	Morrow S. S. Co.....	C. & W. R. C.
Afalkey.....	WBEE	300,600	PG	U. S. S. B.....	R. C. of A.
Afel.....	KISQ	300,600	PG	do.....	Do.
Afoundria.....	KOMQ	300,600	PG	do.....	S. O. R. S.
Afrania.....	KLAI	300,600	PG	do.....	R. C. of A.
Agarista.....	KLUU	300,600	PG	do.....	I. W. T. Co.
Agawam.....	WNIE	300,600	PG	do.....	Do.
Agememnon.....	KOXQ	300,600	PG	do.....	S. O. R. S.
Agria.....	WQAI	300,600	PG	do.....	Do.
Agron.....	KUVJ	300,600	PG	do.....	I. W. T. Co.
Agwidale.....	WDOA	300,600	PG	Mallory S. S. Co.....	Do.
Agwistar.....	KEPG	300,600	PG	do.....	Do.
Agwisun.....	KDAD	300,600	PG	Atlantic, Gulf & West Indies S. S. Co.	S. O. R. S.
Agylla.....	KUXS	300,420,600	PG	National Oil Trans- port Co.	I. W. T. Co.
Ahala.....	KECZ	300,600	PG	U. S. S. B.....	R. C. of A.
Aiken.....	WMUU	300,600	PG	do.....	S. O. R. S.
Aimwell.....	WVUO	300,600	PG	do.....	R. C. of A.
Airlie.....	WBEI	300,600	PG	Nacirema S. S. Corp.	Do.
Ajax.....	KOJ	300,600	PG	Alessandro Fabbri	Do.
Alabama.....	WFB	300,600	PG	Goodrich Transit Co.	I. W. T. Co.
Alabama.....	WRAE	300,600	PG	Texas Co.	S. O. R. S.
Alabat.....	WSAO	300,600	PG	U. S. S. B.....	Do.
Alameda.....	WAA	300,600	PG	Alaska S. S. Co.....	Do.
Alameda.....	KOBN	300,600	PG	U. S. S. B.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Alamo.....	KEJ	300, 450, 600	PG	Mallory S. S. Co.....	R. C. of A.
Alamosa.....	WLUI	300, 600	PG	U. S. S. B.....	Do.
Alanthus.....	WVEE	300, 600	PG	do.....	Do.
Alapaha.....	WZAI	300, 600	PG	do.....	Do.
Alaska.....	WWS	300, 435, 510, 600	PG	Alaska S. S. Co.....	S. O. R. S.
Alaskan.....	WKA	300, 600	PG	American-Hawaiian S. S. Co.....	Owner of vessel.
Albatross.....	KELD	300, 600	PR	Albatross Co.....	Do.
Alberta.....	KZA	300, 600, 1, 800	PG	Fred G. Bourne.....	R. C. of A.
Aleis.....	KEPX	300, 600	PG	U. S. S. B.....	S. O. R. S.
Alcona.....	WLUI	300, 600	PG	do.....	Do.
Alderman.....	KIFP	300, 600	PG	do.....	R. C. of A.
Alector.....	KEPZ	300, 600	PG	do.....	I. W. T. Co.
Aledo.....	KEPL	300, 600	PG	do.....	S. O. R. S.
Algonquin.....	KIZT	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.
Alicia.....	KZB	300, 600	PG	Alfred I. Du Pont.....	Owner of vessel.
Allaguash.....	KVX	300, 450, 525, 600	PG	American-Transatlantic Co.	S. O. R. S.
Allanhurst.....	WNOA	300, 600	PG	U. S. S. B.....	Do.
Allegheny.....	WRAI	300, 600	PG	Great Lakes Transit Corp.	Do.
Allentown.....	KVIU	300, 600	PG	U. S. S. B.....	Do.
Alliance.....	KMA	300, 450, 600	PG	Panama R. R. Co.....	Owner of vessel.
Alliance.....	WVR	300, 600	PG	Gulf Mail S. S. Co.....	R. C. of A.
Allies.....	KQUA	300, 600	PG	U. S. S. B.....	Do.
Allison.....	WTOA	300, 600	PG	do.....	S. O. R. S.
Alloway.....	KTAA	300, 600	PG	do.....	Do.
Aloha.....	KYH	300, 450, 600	PG	Arthur C. James.....	Owner of vessel.
Alpaco.....	WBH	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Alpena.....	WCS	300, 500, 600	PG	Wyandotte Transportation Co.	R. C. of A.
Alta.....	KICK	300, 450, 600	PG	U. S. S. B.....	Do.
Alvada.....	WGEE	300, 450, 600	PG	do.....	S. O. R. S.
Ambridge.....	KIKQ	300, 600	PG	do.....	I. W. T. Co.
A. M. Byers.....	WMY	300, 600	PG	North American S. S. Co.	R. C. of A.
Amercross.....	KOVF	300, 600	PG	U. S. S. B.....	Do.
Amelia.....	WRF	300, 600	PG	Atlantic Fruit Co.....	Do.
American.....	WKF	300, 600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
American Press.....	KUDN	300, 600	PG	U. S. S. B.....	R. C. of A.
American Star.....	KIPP	300, 600	PG	do.....	Do.
Amolo.....	KMB	300, 450, 600	PG	Boston Molasses Co.....	Owner of vessel.
Amoron.....	WTOE	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Ampetco.....	KMAU	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Amphion.....	WJS	300, 600	PG	U. S. S. B.....	Do.
Anaconda.....	KOFD	300, 450, 600	PG	do.....	S. O. R. S.
Anacortes.....	KQOA	300, 600	PG	do.....	I. W. T. Co.
Anahuac.....	KUZL	300, 600	PG	do.....	Do.
Ancon.....	KMS	300, 450, 600	PG	Panama R. R. Co.....	Owner of vessel.
Andalusia.....	WJA	300, 600	PG	U. S. S. B.....	Do.
Andra.....	WDEE	300, 600	PG	do.....	S. O. R. S.
Andrea F. Luckenbach.....	KIFV	300, 600	PG	Luckenbach S. S. Co.....	Do.
Andrew Jackson.....	KONQ	300, 600	PG	U. S. S. B.....	Do.
Angeles.....	KUJB	300, 450, 600	PG	do.....	R. C. of A.
Angelina.....	KIFT	300, 600	PG	do.....	Do.
Aniwa.....	KROE	300, 600	PG	do.....	I. W. T. Co.
Anna E. Morse.....	KUTD	300, 600	PG	do.....	Do.
Ann Arbor No. 3.....	WDN	300, 600	PG	Ann Arbor R. R. Co.....	R. C. of A.
Ann Arbor No. 4.....	WDO	300, 600	PG	do.....	Do.
Ann Arbor No. 5.....	WDP	300, 600	PG	Empire Trust Co.....	Do.
Ann Arbor No. 6.....	WDQ	300, 600	PG	Ann Arbor Boat Co.....	Do.
Annetta.....	WRG	300, 600	PG	Atlantic Fruit Co.....	Do.
Annette Rolph.....	KETZ	300, 600	PG	Rolph Navigation & Coal Co.	Owner of vessel.
Anniston.....	KIDM	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Anoka.....	KQEE	300, 600	PG	do.....	Do.
Anthera.....	WNUA	300, 600	PG	do.....	R. C. of A.
Anthracite Bridge.....	KUKG	300, 600	PG	do.....	Do.
Antietam.....	KONR	300, 600	PG	do.....	Do.
Antilla.....	KWD	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Antonia.....	KOLD	300, 600	PG	Madrigal & Co.....	Do.
Anyo.....	WCJ	300, 600	PG	Coastwise S. S. & Barge Co.	S. O. R. S.
Aowa.....	WRIA	300, 600	PG	U. S. S. B.....	R. C. of A.
Apache.....	KVA	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Apache.....	KYY	300,600	PG	Robert F. Herriek.....	
Apalachee.....	WSAE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Apex.....	KGUI	300,575,600	PG	Wilson Fisheries Co.....	Owner of vessel.
Aquackanock.....	KSAU	300,600	PG	Nafra Co.....	Do.
Aquarius.....	KCSN	300,425,600	P	H. F. Alexander.....	I. W. T. Co.
Aquila.....	KUCJ	300,600	PG	U. S. S. B.....	C. & W. R. C.
Arado.....	WVUI	300,600	PG	The Aragon (Inc.).....	S. O. R. S.
Aragon.....	KUKB	300,600	PG	U. S. S. B.....	Owner of vessel.
Arambl.....	KESF	300,600	PG	A. H. Marks.....	I. W. T. Co.
Aramis.....	WDZ	300,450,600	P	Clyde S. S. Co.....	S. O. R. S.
Arapahoe.....	KVB	300,450,600	PG	U. S. S. B.....	R. C. of A.
Arcadia.....	WWD	300,600	PG	do.....	I. W. T. Co.
Archer.....	KXG	300,600	PG	do.....	Do.
Arcturus.....	KURD	300,600	PG	do.....	R. C. of A.
Ardena.....	KBEU	300,600	PG	do.....	I. W. T. Co.
Ardmore.....	KIA	300,450,600	PG	Standard Oil Co. of N. J.....	Do.
Arenas.....	KTRM	300,600	PG	U. S. S. B.....	Do.
Argenta.....	KIKS	300,600	PG	do.....	Do.
Argon.....	KUDD	300,600	PG	Standard Transportation Co.....	Do.
Argonne.....	KSIO	300,450,600	PG	Argonne S. S. Co.....	Do.
Argus.....	KUVD	300,600	PG	Nafra Co.....	F. T. Co.
Argyll.....	WTB	300,600,1800	PG	Union S. S. Co.....	R. C. of A.
Ario.....	KULM	300,450,600	PG	Standard Transportation Co.....	Do.
Arizona.....	WFG	300,600	PG	Goodrich Transit Co.....	Owner of vessel.
Arizonan.....	WKB	300,600	PG	American-Hawaiian S. S. Co.....	Do.
Arizpa.....	KULN	300,600	PG	U. S. S. B.....	I. W. T. Co.
Arlington.....	KZY	300,600	PG	New England Fuel & Transportation Co.....	R. C. of A.
Armenia.....	KYM	300,600	PG	U. S. S. B.....	I. W. T. Co.
Artemis.....	WQS	300,600	PG	do.....	Do.
Artigas.....	KURG	300,600	PG	do.....	Do.
Artisan.....	KBOE	300,600	PG	do.....	Do.
Arundel.....	KETQ	300,600	PG	do.....	S. O. R. S.
Arvonla.....	WMOE	300,600	PG	do.....	Do.
Aryan.....	KOLB	300,600	PG	do.....	I. W. T. Co.
Asabeth.....	KIXG	300,600	PG	do.....	Do.
Ascutney.....	KYV	300,600	PG	do.....	R. C. of A.
Ashbee.....	KIGZ	300,600	PG	do.....	I. W. T. Co.
Ashburn.....	WBOE	300,600	PG	do.....	R. C. of A.
Ashland County.....	KOMR	300,450,600	PG	do.....	S. O. R. S.
Ashtabula.....	WEZ	300,600	PG	Pennsylvania & Ontario Navigation Co.....	R. C. of A.
Askawake.....	KETM	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Asotin.....	KILD	300,600	PG	do.....	R. C. of A.
Aspenhill.....	KETR	300,600	PG	do.....	S. O. R. S.
Asquam.....	KISV	300,600	PG	do.....	R. C. of A.
Assinippi.....	KIPB	300,600	PG	do.....	S. O. R. S.
Astmahco III.....	WGB	300,600	PG	Astmahco No. 3 (Inc.).....	Do.
Astmahco IV.....	WDF	300,600	PG	Astmahasco 4 (Inc.).....	Do.
Astoria.....	KRIE	300,600	PG	U. S. S. B.....	Do.
Astral.....	KIQ	300,450,600	PG	Standard Transportation Co.....	R. C. of A.
Asuncion.....	WTX	300,600	PG	Standard Oil Co. of Calif.....	Do.
Atenas.....	KDK	300,600	PG	United Fruit Co.....	T. R. T. Co.
Atlantic Sun.....	KUMS	300,600	PG	Sun Oil Co.....	R. C. of A.
Atlantus.....	KIGN	300,600	PG	U. S. S. B.....	I. W. T. Co.
Atlas.....	WTT	300,450,600	PG	Standard Oil Co. of Calif.....	R. C. of A.
Auburn.....	WDOE	300,450,600	PG	U. S. S. B.....	Do.
Auditor.....	KOFF	300,600	PG	do.....	S. O. R. S.
Aurora.....	WJAU	300,600	PG	do.....	R. C. of A.
Ausable.....	WWP	300,600	PG	American Transatlantic Co.....	S. O. R. S.
Avalon.....	KIZL	300,600	PG	W. H. Wood.....	Owner of vessel.
Avalon.....	WFL	300,600	PG	William Wrigley, jr.....	R. C. of A.
Avondale.....	KKAU	300,600	PG	U. S. S. B.....	S. O. R. S.
Awensdaw.....	KEMC	300,600	PG	do.....	Do.
Aztec.....	KZC	300,600	PG	A. C. Burrage.....	R. C. of A.
Babboosic.....	KITC	300,600	PG	U. S. S. B.....	Do.
Babinda.....	KODP	300,600	PG	J. E. Chilberg.....	Do.
Baccarat.....	KUSX	300,600	PG	Independent S. S. Co.....	Do.
Bacoi.....	KJU	300,450,600	PG	Standard Oil Co. of N. J.....	Do.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS— Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Baddacock.....	KUJD	300,600	PG	U. S. S. B.....	
Baganito.....	KGB	300,600	PG	do.....	S. O. R. S.
Bagoso.....	WSAU	300,600	PG	do.....	Do.
Bakersfield.....	KIZC	300,600	PG	do.....	I. W. T. Co.
Baladan.....	KVEU	300,475,600	PG	do.....	R. C. of A.
Balboa.....	WHU	300,600	PG	Colombian Maritime Co.	Do.
Balcatta.....	KOLM	300,600	PG	Pacific Motorship Co.	
Baldbutte.....	KISM	300,600	PG	U. S. S. B.....	I. W. T. Co.
Baldhill.....	KOBV	300,600	PG	do.....	S. O. R. S.
Baldridge.....	KEQG	300,600	PG	do.....	R. C. of A.
Baldrock.....	KEQJ	300,600	PG	do.....	S. O. R. S.
Balino.....	WKUO	300,600	PG	do.....	Do.
Ballcamp.....	KENV	300,450,600	PG	do.....	R. C. of A.
Ballenas.....	KEMZ	300,600	PG	do.....	S. O. R. S.
Ballew.....	KENQ	300,600	PG	do.....	Do.
Balliett.....	KVIA	300,476,600	PG	do.....	R. C. of A.
Balosaro.....	KEDB	300,600	PG	do.....	I. W. T. Co.
Balsam.....	KIJC	300,600	PG	do.....	Do.
Balsto.....	WPAA	300,600	PG	do.....	Do.
Banago.....	WVEO	300,600	PG	do.....	Do.
Banaran.....	KENZ	300,600	PG	do.....	S. O. R. S.
Bancroft.....	KNOI	300,600	PG	do.....	I. W. T. Co.
Banicaa.....	KEQF	300,600	PG	do.....	Do.
Bannack.....	KIZQ	300,600	PG	do.....	Do.
Bantu.....	KLM	300,600	PG	U. S. Steel Products Co.	R. C. of A.
Barabos.....	KPUU	300,600	PG	U. S. S. B.....	S. O. R. S.
Bar Harbor.....	KEFD	300,600	PG	do.....	I. W. T. Co.
Baribas.....	KERB	300,600	PG	do.....	
Barkhamstead.....	WLou	300,600	PG	do.....	S. O. R. S.
Barlow.....	WLAE	300,600	PG	do.....	
Barrallton.....	KIDT	300,600	PG	do.....	I. W. T. Co.
Barranca.....	KIFR	300,600	PG	do.....	S. O. R. S.
Barrenfark.....	KIJD	300,600	PG	do.....	R. C. of A.
Barrington.....	KJIA	300,600	PG	do.....	Do.
Barryton.....	KIJF	300,600	PG	do.....	S. O. R. S.
Barstow.....	KIJR	300,600	PG	do.....	I. W. T. Co.
Barthney.....	KIZD	300,600	PG	do.....	R. C. of A.
Bartholomew.....	KOMF	300,600	PG	do.....	Do.
Bartolome.....	KOBS	300,450,600	PG	do.....	Do.
Barugo.....	KEQC	300,600	PG	do.....	
Barwick.....	KOBR	300,600	PG	do.....	
Bassan.....	WRAA	300,600	PG	do.....	S. O. R. S.
Basco.....	WVEI	300,600	PG	do.....	
Bascobel.....	KOFS	300,600	PG	do.....	
Basford.....	KOFR	300,600	PG	do.....	R. C. of A.
Basswood.....	KOQL	300,600	PG	do.....	
Bastrop.....	KOQM	300,600	PG	do.....	
Batanes.....	KEKX	300,600	PG	do.....	I. W. T. Co.
Bathalum.....	KIQT	300,600	PG	do.....	U. S. S. B.
Bathgate.....	KIQS	300,600	PG	do.....	
Batino.....	KERC	300,600	PG	do.....	
Baton Rouge.....	KSG	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Battahatchee.....	WCOA	300,600	PG	U. S. S. B.....	Do.
Battonville.....	KIGV	300,600	PG	do.....	I. W. T. Co.
Bavington.....	KOPC	300,450,600	PG	do.....	R. C. of A.
Baxley.....	WBIO	300,600	PG	do.....	Do.
Bayamo.....	WDEU	300,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Bay Head.....	KINT	300,600	PG	U. S. S. B.....	R. C. of A.
Bayou Teche.....	WXUU	300,600	PG	do.....	Do.
Bayport.....	KUJC	300,600	PG	do.....	
Bayway.....	KSR	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Bearport.....	KUBK	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Beatrice.....	KLJ	300,600	PG	A. H. Bull S. S. Co.	I. W. T. Co.
Beaumont.....	WXUA	300,600	PG	U. S. S. B.....	R. C. of A.
Bedminster.....	WQIE	300,600	PG	do.....	S. O. R. S.
Belair.....	WTOI	300,600	PG	do.....	
Belding.....	KPUE	300,600	PG	do.....	R. C. of A.
Belfast.....	KRD	300,600	PG	Eastern S. S. Lines	Do.
Belfort.....	KIQB	300,600	PG	U. S. S. B.....	S. O. R. S.
Belgrade.....	WROU	300,600	PG	do.....	Do.
Bell Brook.....	KQEI	300,600	PG	do.....	R. C. of A.
Bellbuckle.....	KTK	300,600	PG	do.....	Do.
Bellemina.....	KODS	300,600	PG	do.....	I. W. T. Co.
Belleplaine.....	KOKF	300,450,600	PG	do.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Bellerose.....	KOKD	300,450,600	PG	U. S. S. B.....	R. C. of A.
Bellflower.....	KOPQ	300,600	PG	do.....	I. W. T. Co.
Bellhaven.....	KOFC	300,600	PG	do.....	S. O. R. S.
Bellingham.....	WCIA	300,600	PG	do.....	I. W. T. Co.
Bellota.....	KVEA	300,600	PG	do.....	S. O. R. S.
Beloit.....	KNIO	300,600	PG	do.....	R. C. of A.
Belvidere.....	KEQK	300,600	PG	do.....	S. O. R. S.
Benjamin Brewster.....	KPS	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Benj. F. Packard.....	WLA	300,450,600	PG	Booth Fisheries Co....	S. O. R. S.
Benoni.....	KERR	300,600	PG	U. S. S. B.....	I. W. T. Co.
Benowa.....	KOTZ	300,600	PG	J. E. Chilberg.....	
Bensalem.....	KOFT	300,600	PG	U. S. S. B.....	R. C. of A.
Benzonia.....	KPUO	300,600	PG	do.....	Do.
Berea.....	KEJ	300,600	PG	do.....	Do.
Berela.....	KEKF	300,600	PG	do.....	Do.
Berlin.....	WRB	300,600	PG	Alaska-Portland Packers Assn.	Owner of vessel.
Bessemer.....	KIGT	300,600	PG	U. S. S. B.....	R. C. of A.
Bethelridge.....	KERT	300,600	PG	do.....	I. W. T. Co.
Bethlehem Bridge.....	KIJV	300,600	PG	do.....	S. O. R. S.
Bethnor.....	KOKT	300,600	PG	do.....	R. C. of A.
Betsy Bell.....	KITM	300,600	PG	do.....	I. W. T. Co.
Betterton.....	KUBG	300,600	PG	do.....	S. O. R. S.
Bidwell.....	KESQ				
Biloxi.....	KPAI	300,600	PG	U. S. S. B.....	Do.
Biran.....	KKOA	300,600	PG	do.....	I. W. T. Co.
Birehleaf.....	KEMD	300,600	PG	Nacirema S. S. Corp.	R. C. of A.
Bird City.....	KOBP	300,600	PG	U. S. S. B.....	I. W. T. Co.
Birmingham City.....	KUTT	300,450,600	PG	U. S. Steel Products Co.	R. C. of A.
Black Arrow.....	WLN	300,600	PG	U. S. S. B.....	S. O. R. S.
Blair.....	KIGR	300,600	PG	do.....	I. W. T. Co.
Blakeley.....	WNUE	300,600	PG	do.....	R. C. of A.
Blandon.....	KPAU	300,600	PG	do.....	I. W. T. Co.
Bloomington.....	WFIO	300,600	PG	do.....	S. O. R. S.
Blue Eagle.....	KPOA	300,600	PG	do.....	R. C. of A.
Blue Triangle.....	KUGS	300,600	PG	do.....	I. W. T. Co.
Bluffton.....	KEKZ	300,600	PG	do.....	
Blythedale.....	KROA	300,600	PG	do.....	S. O. R. S.
Bobbing.....	WCAA	300,600	PG	Pacific American Fisheries.	
Bockonoff.....	WNUI	300,600	PG	U. S. S. B.....	R. C. of A.
Boilston.....	KPEA	300,600	PG	do.....	S. O. R. S.
Bolikow.....	KEQD	300,600	PG	do.....	
Bologan.....	WLIU	300,600	PG	do.....	Do.
Bonham.....	WKIE	300,600	PG	do.....	Do.
Bonifay.....	KPOO	300,600	PG	do.....	Do.
Bonnafon.....	KNOU	300,600	PG	do.....	R. C. of A.
Bonnetere.....	KETL	300,600	PG	do.....	S. O. R. S.
Bon Secour.....	KIKV	300,600	PG	do.....	Do.
Boobyalla.....	KUGC	300,600	PG	J. E. Chilberg.....	
Boone.....	KENL	300,600	PG	U. S. S. B.....	Do.
Boonsborough.....	KELL	300,600	PG	do.....	Do.
Borad.....	KIDK	300,600	PG	do.....	I. W. T. Co.
Boreta.....	WXUE	300,600	PG	Petroleum Transport Service Corp.	S. O. R. S.
Borinquen.....	KFV	300,600	PG	Battery S. S. Corp.	R. C. of A.
Boston.....	KXA	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Boston.....	KXS	300,476,600	PG	U. S. S. B.....	
Boston Bridge.....	KINS	300,450,600	PG	do.....	R. C. of A.
Bosworth.....	KQOU	300,600	PG	do.....	Do.
Botsford.....	WZAO	300,600	PG	do.....	I. W. T. Co.
Bottineau.....	WCAE	300,600	PG	do.....	R. C. of A.
Boughton.....	WCAI				
Boulton.....	KNOE	300,600	PG	U. S. S. B.....	S. O. R. S.
Bound Brook.....	KIFQ	300,600	PG	do.....	Do.
Bournville.....	KTEU				
Bowesmont.....	KTIA				
Boxbutte.....	KETS	300,600	PG	U. S. S. B.....	I. W. T. Co.
Boxley.....	KNUU	300,600	PG	do.....	S. O. R. S.
Boykin.....	KETT	300,600	PG	do.....	Do.
Boynton.....	KUGF	300,600	PG	do.....	I. W. T. Co.
Brabant.....	KUU	300,450,600	PG	Texas Co.....	Do.
Bradford.....	KNG	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Braeburn.....	WMOI	300,600	PG	U. S. S. B.....	Do.
Bramell Point.....	KRO	300,450,600	PG	Vacuum Oil Co.....	Do.
Brandon.....	KZZ	300,600	PG	New England Fuel & Transportation Co.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Brandywine.....	WGUI	300,600	PG	U. S. S. B.....	I. W. T. Co.
Brant.....	KUDB	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Brasher.....	KIJX	300,600	PG	U. S. S. B.....	R. C. of A.
Brave Coeur.....	KOGN	300,476,600	PG	do.....	Do.
Braxton.....	KIBS	300,600	PG	do.....	I. W. T. Co.
Brazos.....	KEZ	300,450,600	PG	New York & Porto Rico S. S. Co.	Do.
Bremerton.....	WSZ	300,600	PG	U. S. S. B.....	S. O. R. S.
Brentwood.....	KIBV	300,600	PG	do.....	Do.
Brevard.....	KEPJ	300,600	PG	do.....	Do.
Briarcliffe.....	KEPK	300,600	PG	do.....	Do.
Brilliant.....	KTI	300,450,600	PG	Standard Oil Co. of N. Y.	R. C. of A.
Brindilla.....	KTZ	300,450,600	PG	do.....	Do.
Bristol.....	KEGC	300,600	PG	Coastwise Trade Co.	Do.
Broad Arrow.....	KSY	300,450,600	PG	Standard Transportation Co.	Do.
Brockton.....	KNH	300,600	PG	Colonial Navigation Co.	I. R. T. Co.
Bromela.....	KRAI	300,600	PG	U. S. S. B.....	R. C. of A.
Brompton.....	KRAO	300,600	PG	do.....	Do.
Broncho.....	KRAU	300,600	PG	do.....	Do.
Brookdale.....	WNUO	300,600	PG	do.....	S. O. R. S.
Brookline.....	KURT	300,600	PG	do.....	Do.
Brookside.....	KEZS	300,600	PG	do.....	Do.
Brookwood.....	KRUE	300,600	PG	do.....	R. C. of A.
Broxton.....	KDAL	300,600	PG	do.....	Do.
Brynhillda.....	KIO	300,450,600	PG	Cosmopolitan Shipping Co.	Do.
Buccaneer.....	KFO	300,600	PG	Freeport & Tampico Fuel Oil Transport Co.	Do.
Buckhannon.....	KELG	300,600	PG	Robinson Shipping Co.	I. W. T. Co.
Buckhorn.....	WXIO	300,600	PG	U. S. S. B.....	Do.
Buffalo Bridge.....	KIZF	300,600	PG	do.....	Do.
Bugaya.....	WQOU	300,600	PG	do.....	R. C. of A.
Buhisan.....	WVII	300,600	PG	do.....	S. O. R. S.
Bulana.....	WJUJ	300,600	PG	do.....	Do.
Burmont.....	WZIE				
Burnham.....	WZII				
Burnside.....	WGII	300,600	PG	U. S. S. B.....	R. C. of A.
Burnwell.....	KIMS	300,600	PG	do.....	Do.
Burnwood.....	KEPC				
Bushong.....	KJB	300,600	PG	U. S. S. B.....	I. W. T. Co.
Bushrod.....	KICB	300,600	PG	do.....	S. O. R. S.
Butte.....	KICC	300,600	PG	do.....	Do.
Buttercup.....	KIJT	300,600	PG	do.....	I. W. T. Co.
Butterfield.....	KIJS	300,600	PG	do.....	S. O. R. S.
Buttonwood.....	KLB	300,600	PG	do.....	R. C. of A.
Byfield.....	KIBZ	300,600	PG	do.....	S. O. R. S.
Bylail.....	KSOJ	300,600	PG	Pocahontas Fuel Co.	R. C. of A.
Cabegon.....	KEJQ	300,600	PG	U. S. S. B.....	I. W. T. Co.
Cabeza.....	KKEA	300,600	PG	do.....	R. C. of A.
Cabrille.....	KENS	300,450,600	PG	do.....	Do.
Cabrillo.....	WBV	300,600	PG	Wilmington Transportation Co.	Do.
Cabura.....	KQAA	300,600	PG	U. S. S. B.....	S. O. R. S.
C. A. Canfield.....	WIH	300,450,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Cacique.....	WBE	300,450,600	PG	Grace S. S. Co.	Do.
Cadaretta.....	WLOO	300,600	PG	U. S. S. B.....	S. O. R. S.
Caddo.....	KSK	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Caddopeak.....	WPUE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Cajacet.....	KUDL	300,600	PG	do.....	Do.
Calala.....	KQAO	300,600	PG	do.....	Do.
Calamares.....	KLC	300,600	PG	United Fruit Co.	T. R. T. Co.
Calaveras.....	KXIE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Caldas.....	KQVQ	300,600	PG	Caribbean S. S. Co.	R. C. of A.
Calicoerock.....	KXII	300,600	PG	U. S. S. B.....	I. W. T. Co.
California.....	KYQ	300,600	PG	Clara B. Stocker.....	Do.
Calispell.....	KXIO	300,600	PG	U. S. S. B.....	R. C. of A.
Callabajas.....	WPUI	300,600	PG	Callabajas S. S. Corp.	I. W. T. Co.
Callao.....	WHF	300,600	PG	Bark Callao Corp.	Owner of vessel.
Callao.....	KEQS	300,600	PG	U. S. S. B.....	I. W. T. Co.
Callooh.....	KPEE	300,600	PG	do.....	Do.
Calno.....	KINV	300,600	PG	do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Caloria.....	KSP	300,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Calvert.....	WTUI	300,600	PG	U. S. S. B.	Do.
Calvin Austin.....	KRN	300,600	PG	Eastern S. S. Lines.	Do.
Camaguey.....	KWI	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Cambridge.....	KGR	300,550,600	PG	New York & New Orleans S. S. Co.	I. R. T. Co.
Cambridge.....	KIRR	300,600	PG	U. S. S. B.	R. C. of A.
Camden.....	KRC	300,600	PG	Eastern S. S. Lines.	Do.
Campello.....	WTAU	300,600	PG	Robinson Shipping Co.	I. W. T. Co.
Canaveral.....	WTEA	300,600	P	U. S. S. B.	Owner of vessel.
Canco.....	KUTP	300,600	P	American Can Co.	R. C. of A.
Canibas.....	WQEU	300,450,600	PG	U. S. S. B.	S. O. R. S.
Canoga.....	WKZ	300,600	PG	do.	Do.
Cansumset.....	KIQD	300,600	PG	do.	Do.
Cape Cod.....	KPW	300,600	PG	Whitehall Transportation Co.	R. C. of A.
Cape Henry.....	KMIE	300,600	PG	U. S. S. B.	S. O. R. S.
Cape May.....	WDOI	300,600	PG	do.	I. W. T. Co.
Cape Romain.....	KREA	300,600	PG	do.	Do.
Capillo.....	KUPN	300,600	PG	do.	Do.
Capines.....	KSAT	300,600	PG	do.	Do.
Capital of Nebraska.....	KUSF	300,600	PG	do.	Do.
Caponka.....	WCAO	300,600	PG	do.	S. O. R. S.
Captain A. F. Lucas.....	WTV	300,450,600	PG	Standard Oil Co. of Calif.	R. C. of A.
Capulin.....	KUZR	300,600	PG	U. S. S. B.	S. O. R. S.
Caracas.....	KDB	300,450,600	PG	Atlantic & Caribbean Steam Navigation Co.	R. C. of A.
Cardonia.....	KUVV	300,600	PG	U. S. S. B.	S. O. R. S.
Carib.....	KJLU	300,600	PG	Atlantic, Gulf & West Indies S. S. Lines.	R. C. of A.
Carib.....	KMIA	300,600	PG	Carib S. S. Co.	S. O. R. S.
Carib.....	KUZX	300,600	PG	Carib Trading Co.	Owner of vessel.
Caribbean.....	KGUE	300,600	PG	Panama R. R. Co.	I. W. T. Co.
Caribou.....	WSIA	300,600	PG	U. S. S. B.	R. C. of A.
Carl D. Bradley.....	WGN	300,600	PG	Bradley Transportation Co.	Do.
Carolina.....	WFE	300,600	PG	Goodrich Transit Co.	Do.
Carolinian.....	KJF	300,600	PG	Garland S. S. Corp.	I. W. T. Co.
Carroll.....	KZG	300,600	PG	A. H. Bull S. S. Co.	T. R. T. Co.
Carrillo.....	KDE	300,600	PG	United Fruit Co.	Do.
Cartago.....	KDD	300,600	PG	do.	S. O. R. S.
Cartona.....	KUFL	300,450,600	PG	U. S. S. B.	I. W. T. Co.
Cascade.....	WPUO	300,600	PG	do.	Do.
Casco.....	WCP	300,600	PG	do.	Do.
Casey.....	KOQJ	300,600	PG	do.	Do.
Casiana.....	KYE	300,600	PG	Edward L. Doheny	R. C. of A.
Casmalia.....	WSII	300,600	PG	U. S. S. B.	S. O. R. S.
C. A. Smith.....	WEL	300,600	PG	Coos Bay Lumber Co.	Owner of vessel.
C. A. Snider.....	KRR	300,450,600	PG	Vacuum Oil Co.	S. O. R. S.
Casper.....	KIRX	300,600	PG	U. S. S. B.	R. C. of A.
Castle Point.....	KESD	300,600	PG	do.	I. W. T. Co.
Castle Town.....	KOF	300,600	PG	do.	R. C. of A.
Castle Wood.....	KEKQ	300,600	PG	do.	I. W. T. Co.
Catawba.....	KVEE	300,600	PG	do.	R. C. of A.
Catherine D.....	KMAI	300,450,550,600	PG	Pacific American Fisheries.	S. O. R. S.
Cathlamet.....	KOLP	300,600	PG	U. S. S. B.	I. W. T. Co.
Cathwood.....	KURC	300,450,600	PG	do.	Do.
Cauto.....	KWF	300,450,600	PG	New York & Cuba Mail S. S. Co.	Do.
Cawker.....	KECF	300,600	PG	U. S. S. B.	R. C. of A.
Cayo Mambi.....	KUZZ	300,600	PG	Baltimore Dry Dock & S. B. Co.	Do.
Cecil County.....	KERZ	300,600	PG	do.	Do.
Cedar Spring.....	WTEE	300,450,600	PG	U. S. S. B.	Do.
Cello.....	WMP	300,600	PG	Cello S. S. Co.	Do.
Centaurus.....	KOPZ	300,600	PG	Nafra Co.	Do.
Central American.....	WKOU	300,600	PG	Texas Co.	Do.
Centralia.....	WSN	300,600	PG	Gulf Mail S. S. Co.	Do.
Ceralvo.....	WTEI	300,600	PG	U. S. S. B.	S. O. R. S.
Cerosco.....	WTEO	300,600	PG	do.	R. C. of A.
Cerro Gardo.....	KEFK	300,450,600	PG	do.	S. O. R. S.
Cethana.....	KORG	300,440,520,600	PG	J. E. Chilberg	Do.
Challamba.....	KORJ	300,600	PG	do.	Do.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Challenger.....	WNII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Chalmette.....	KKC	300,450,600	PG	Southern Pacific S. S. Co.	R. C. of A.
Chamberino.....	KEFL	300,600	PG	U. S. S. B.....	S. O. R. S.
Chamblee.....	KEGG	300,600	PG	do.....	Do.
Champion.....	KIXV	300,600	PG	Atlantic Transport Co.	I. W. T. Co.
Chancock.....	KOFJ	300,600	PG	U. S. S. B.....	Do.
Chantier.....	KEGK	300,600	PG	do.....	Do.
Chaparel.....	KEGJ	300,600	PG	do.....	R. C. of A.
Chappaqua.....	KURF	300,450,600	PG	do.....	I. W. T. Co.
Chappell.....	KEVS	300,600	PG	do.....	Do.
Charles Braley.....	KVP	300,450,600	PG	Cuba Distilling Co.	R. C. of A.
Charles E. Harwood.....	WID	300,450,600	PG	Pan-American Petroleum & Transport Co.	Do.
Charles M. Everest.....	WPOU	300,600	PG	Vacuum Oil Co.	Do.
Charles O. Jenkins.....	WFT	300,600	PG	Jenkins S. S. Co.	Do.
Charles Pratt.....	KSQ	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Charlot.....	WMUI	300,600	PG	U. S. S. B.....	I. W. T. Co.
Charlton Hall.....	KLU	300,600	PG	U. S. Steel Products Co.	R. C. of A.
Chattanooga.....	KIDN	300,600	PG	U. S. S. B.....	Do.
Chautauqua.....	KIFK	300,600	PG	do.....	Do.
Chebaulip.....	KJAA	300,600	PG	do.....	Do.
Chelan.....	WCAU	300,600	PG	do.....	Do.
Chepadua.....	KOFL	300,600	PG	do.....	Do.
Cherokee.....	KVK	300,450,600	PG	Clyde S. S. Co.	Do.
Cheron.....	KNII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Chester Sun.....	WAS	300,600	PG	Sun Co.	R. C. of A.
Chester Valley.....	KOST	300,600	PG	U. S. S. B.....	S. O. R. S.
Chester W. Chapin.....	KXQ	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Chestnut Hill.....	KVG	300,600	PG	U. S. S. B.....	S. O. R. S.
Chetopa.....	KCAE	300,600	PG	do.....	Do.
Chibiabos.....	WPOE	300,600	PG	do.....	Do.
Chicago.....	WAC	300,600	PG	Booth Fisheries Co.	Do.
Chicago Bridge.....	KECG	300,600	PG	U. S. S. B.....	Do.
Chickamauga.....	KULC	300,600	PG	do.....	R. C. of A.
Chickasaw.....	KOJR	300,600	PG	do.....	I. W. T. Co.
Chickasaw City.....	KUNZ	300,600	PG	U. S. Steel Products Co.	Do.
Chicomico.....	KOLS	300,600	PG	U. S. S. B.....	R. C. of A.
Chimo.....	KKOO	300,600	PG	do.....	Do.
China.....	WWA	300,450,600	PG	China Mail S. S. Co.	Do.
Chinampa.....	KSC	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Chineha.....	KJZ	300,450,600	PG	Green Star S. S. Corp.	Do.
Chipehung.....	WBIA	300,600	PG	U. S. S. B.....	I. W. T. Co.
Christabel.....	KUTN	300,600	PG	Savannah Bar Pilots	Do.
Christopher Columbus.....	WFJ	300,600	PG	Goodrich Transit Co.	R. C. of A.
Circinus.....	KOPK	300,600	PG	Nafra Co.	Do.
City of Alameda.....	KUCQ	300,600	PG	U. S. S. B.....	S. O. R. S.
City of Alma.....	KUBP	300,600	PG	do.....	Do.
City of Alpena II.....	WEH	300,600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
City of Alton.....	KONZ	300,600	PG	U. S. S. B.....	S. O. R. S.
City of Atlanta.....	KFB	300,450,600	PG	Ocean S. S. Co.	R. C. of A.
City of Augusta.....	KFJ	300,450,600	PG	do.....	Do.
City of Bangor.....	KRH	300,600	PG	Eastern S. S. Lines	Do.
City of Benton Harbor.....	WDV	300,600	PG	Graham & Morton Transp. Co.	Do.
City of Berkeley.....	KOZQ	300,600	PG	U. S. S. B.....	Do.
City of Brockton.....	KXO	300,600	PG	New England S. S. Co.	I. R. T. Co.
City of Buffalo.....	WFQ	300,600	PG	Cleveland & Buffalo Transit Co.	R. C. of A.
City of Cleveland III.....	WEA	300,450,600	PG	Detroit & Cleveland Nav. Co.	Do.
City of Columbus.....	KFA	300,450,600	PG	Ocean S. S. Co.	Do.
City of Detroit II.....	WEC	300,600	PG	Detroit & Cleveland Nav. Co.	Do.
City of Detroit III.....	WEF	300,450,600	PG	do.....	Do.
City of Erie.....	WFP	300,600	PG	Cleveland & Buffalo Transit Co.	Do.
City of Eureka.....	KEFT	300,600	PG	U. S. S. B.....	I. W. T. Co.
City of Everett.....	KTQ	300,600	PG	Standard Oil Co. of N. Y.	Do.
City of Fairbury.....	KISR	300,450,600	PG	U. S. S. B.....	S. O. R. S.
City of Flint.....	KUCV	300,450,600	PG	do.....	Do.
City of Freeport.....	KESV	300,600	PG	do.....	Do.
City of Grand Rapids.....	WDS	300,600	PG	Graham & Morton Transp. Co.	R. C. of A.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
City of Joliet.....	KUJR	300, 600	PG	U. S. S. B.....	I. W. T. Co.
City of Lordsburg.....	KUTK	300, 600	PG	do.....	do.
City of Lowell.....	KXB	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
City of Mackinac II.....	WEB	300, 600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
City of Miami.....	WDI	300, 600	PG	Havana-American S. S. Corp.	S. O. R. S.
City of Montgomery.....	KFY	300, 450, 600	PG	Ocean S. S. Co.....	R. C. of A.
City of Omaha.....	KOZB	300, 600	PG	U. S. S. B.....	I. W. T. Co.
City of Para.....	WWF	300, 600	PG	Pacific Mail S. S. Co.	F. T. Co.
City of Puebla.....	WGQ	300, 600	PG	City of Puebla Corp.	R. C. of A.
City of Reno.....	KUSK	300, 600	PG	U. S. S. B.....	S. O. R. S.
City of Rockland.....	KRI	300, 600	PG	Eastern S. S. Lines.....	R. C. of A.
City of Rome.....	KQZ	300, 450, 600	PG	Ocean S. S. Co.....	Do.
City of Savannah.....	KFK	300, 450, 600	PG	do.....	Do.
City of Seattle.....	WGA	300, 600	PG	Pacific Coast Co.....	Do.
City of Sherman.....	KUCS	300, 600	PG	Pensacola S. B. Co.....	Do.
City of Spokane.....	KILL	300, 600	PG	U. S. S. B.....	S. O. R. S.
City of St. Ignace.....	WEG	300, 600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
City of St. Joseph.....	KOSM	300, 600	PG	U. S. S. B.....	I. W. T. Co.
City of St. Louis.....	KFX	300, 450, 600	PG	Ocean S. S. Co.....	R. C. of A.
City of Sydney.....	KKEI	300, 600	PG	L. A. Pederson.....	do.
City of Taunton.....	KXL	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
City of Topeka.....	WGY	300, 600	PG	Pacific S. S. Co.....	R. C. of A.
City of Vernon.....	KUNS	300, 450, 600	PG	U. S. S. B.....	Do.
City of Weatherford.....	KUVC	300, 600	PG	do.....	Do.
Clackamas.....	KQEA	300, 600	PG	do.....	Do.
Clairton.....	KIKR	300, 600	PG	do.....	Do.
Clare.....	KNE	300, 600	PG	A. H. Bull S. S. Co.....	I. W. T. Co.
Claremont.....	KUBD	300, 600	PG	W. H. Wood.....	Owner of vessel.
Clark Mills.....	KOCQ	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Clarksburg.....	KOVF	300, 600	PG	Coastwise Transporta- tion Co.	R. C. of A.
Clausens.....	KOQB	300, 600	PG	Green Star S. S. Corp..	Do.
Clavarack.....	KOLL	300, 600	PG	U. S. S. B.....	Do.
Clearwater.....	KUGD	300, 600	PG	do.....	Do.
Clemence C. Morse.....	KUGG	300, 600	PG	do.....	I. W. T. Co.
Clemens A. Reiss.....	WNH	300, 600	PG	Reiss S. S. Co.....	R. C. of A.
Cleopatra.....	KIQL	300, 600	PG	U. S. S. B.....	Do.
Cletus Schneider.....	KMEQ	300, 600	PG	Paisley S. S. Co.....	Owner of vessel.
Cliffwood.....	KORX	300, 600	PG	U. S. S. B.....	S. O. R. S.
Clincho.....	KENX	300, 600	PG	do.....	R. C. of A.
Clio.....	KIKZ	300, 600	PG	Pacific-American Fisheries.	I. W. T. Co.
Clodia.....	KILB	300, 378, 600	PG	U. S. S. B.....	S. O. R. S.
Clontarf.....	KUDP	300, 600	PG	do.....	Do.
Coahoma County.....	KOMP	300, 600	PG	do.....	Do.
Coalinga.....	WOT	300, 600, 1800	PG	Union S. S. Co.....	F. T. Co.
Coamo.....	KGA	300, 450, 600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Coastwise.....	KUZ	300, 600	PG	Neptune Line.....	R. C. of A.
Coaxet.....	WPUU	300, 425, 600	PG	U. S. S. B.....	I. W. T. Co.
Cochin.....	KELR	300, 600	PG	do.....	do.
Cockaponset.....	KOFN	300, 600	PG	do.....	S. O. R. S.
Coconino.....	WMIA	300, 600	PG	do.....	R. C. of A.
Cocopa.....	WXAI	300, 600	PG	do.....	do.
Coellega.....	KOVV	300, 600	PG	do.....	Do.
Coeur D'Alene.....	KOVT	300, 600	PG	do.....	S. O. R. S.
Cohasset.....	WJUI	300, 600	PG	do.....	Do.
Cokato.....	WMUE	300, 600	PG	do.....	I. W. T. Co.
Cokesit.....	WQUA	300, 600	PG	do.....	Do.
Coldbrook.....	KOQK	300, 600	PG	do.....	Do.
Cold Harbor.....	KUBB	300, 600	PG	do.....	S. O. R. S.
Cold Spring.....	KIQK	300, 600	PG	do.....	R. C. of A.
Coldwater.....	KUCX	300, 600	PG	do.....	S. O. R. S.
Col. E. L. Drake.....	WTS	300, 450, 600	PG	Standard Oil Co. of Calif.	R. C. of A.
Colindo.....	KSUI	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Collamer.....	KOZZ	300, 600	PG	do.....	R. C. of A.
Collingsworth.....	KUKX	300, 600	PG	do.....	S. O. R. S.
Coloma.....	KNIU	300, 600	PG	do.....	Do.
Colombia.....	WBH	300, 600, 1800	PG	Pacific Mail S. S. Co.	F. T. Co.
Colon.....	KMX	300, 450, 600	PG	Panama R. R. Co.....	Owner of vessel.
Colorado Springs.....	KILK	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Coltraps.....	KUMR	300, 450, 600	PG	do.....	Do.
Columbia.....	WHC	300, 430, 600	PG	New Orleans & South American S. S. Co.	Owner of vessel.
Columbine.....	WLOI	300, 600	PG	U. S. S. B.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Colusa.....	WIN	300, 600	PG	Grace S. S. Co.....	R. C. of A.
Comal.....	KEM	300, 450, 600	PG	Mallory S. S. Co.....	I. W. T. Co.
Comanche.....	KVC	300, 600	PG	Clyde S. S. Co.....	Do.
Comerant.....	KUMQ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Comet.....	KTJ	300, 450, 600	PG	Standard Oil Co. of N. Y.	R. C. of A.
Commack.....	KULT	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Commissioner.....	KOGZ				
Commonwealth.....	KXC	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
Communipaw.....	KOE	300, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Comus.....	KKD	300, 450, 600	PG	Southern Pacific Co....	Do.
Concho.....	KEC	300, 450, 600	PG	Mallory S. S. Co.....	I. W. T. Co.
Concord.....	KNC	300, 550, 600	PG	Colonial Navigation Co.	I. R. T. Co.
Conehatta.....	KUQQ	300, 600	PG	U. S. S. B.....	R. C. of A.
Conejos.....	KUKT	300, 450, 600	PG	do.....	Do.
Conewago.....	KISB	300, 600	PG	do.....	Do.
Congaree.....	WVEA	300, 600	PG	do.....	I. W. T. Co.
Conneaut.....	WCU	300, 600	PG	Gulf Refining Co.....	R. C. of A.
Connersville.....	WKOO	300, 600	PG	U. S. S. B.....	S. O. R. S.
Conness Peak.....	KUPL	300, 450, 600	PG	Colonial Navigation Co.	I. W. T. Co.
Conotton.....	WVAO	300, 600	PG	do.....	Do.
Conshohocken.....	KUGV	300, 450, 600	PG	do.....	R. C. of A.
Consort.....	KDOI	300, 600	PG	do.....	I. W. T. Co.
Continental Bridge.....	KOCP	300, 600	PG	do.....	R. C. of A.
Contocook.....	WVAU	300, 600	PG	do.....	Do.
Cook.....	KOFX	300, 600	PG	do.....	Do.
Coolcha.....	KOPS	300, 450, 525	PG	J. E. Chilberg.....	S. O. R. S.
Coosa.....	WLF	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Coot.....	KUJM	300, 600	PG	East Coast Fisheries Co.	
Copalgrove.....	KEFJ	300, 600	PG	U. S. S. B.....	Do.
Coperas.....	WTEU	300, 600	PG	do.....	S. O. R. S.
Coppename.....	KDF	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Coquina.....	WVAA	300, 600	PG	U. S. S. B.....	R. C. of A.
Coquitt.....	KOFZ	300, 600	PG	do.....	I. W. T. Co.
Cora F. Cressy.....	KSZ	300, 450, 600	PG	France & Canada S. S. Co.	R. C. of A.
Corapeake.....	WVAE	300, 600	PG	U. S. S. B.....	Do.
Corcoran.....	WVAI	300, 600	PG	do.....	S. O. R. S.
Cordova.....	WAR	300, 600	PG	Alaska S. S. Co.....	Do.
Cornelia.....	KZD	300, 600	PG	Bull Insular S. S. Co.	I. W. T. Co.
Corning.....	KIH	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Cornucopia.....	WNIU	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Coronado.....	WFZ	300, 600	PG	do.....	R. C. of A.
Corone.....	KUFM	300, 450, 600	PG	do.....	Do.
Corozal.....	KQLA	300, 600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Corrales.....	WPIE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Corsair.....	KYC	300, 440, 600	PG	J. P. Morgan.....	R. C. of A.
Corsicana.....	WPII	300, 600	PG	U. S. S. B.....	Do.
Corson.....	KIQV	300, 600	PG	do.....	Do.
Corvallis.....	KIBT	300, 600	PG	do.....	S. O. R. S.
Corvus.....	KOPL	300, 450, 600	PG	Nafra Co.....	R. C. of A.
Coskata.....	KOMZ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Costa Rica.....	WQI	300, 600	PG	L. A. Pedersen.....	Owner of vessel.
Costigan.....	KINF	300, 600	PG	U. S. S. B.....	S. O. R. S.
Costilla.....	WMEA	300, 600	PG	do.....	I. W. T. Co.
Cotati.....	KIQF	300, 600	PG	do.....	Do.
Cote Blanche.....	WMEF	300, 600	PG	do.....	S. O. R. S.
Cotopaxi.....	WMEI	300, 600	PG	Chinchfield Navigation Co.	R. C. of A.
Cottoral.....	WCEA	300, 600	PG	U. S. S. B.....	S. O. R. S.
Cottonplant.....	WMEO	300, 600	PG	do.....	Do.
Cottonwood.....	WMEU	300, 600	PG	do.....	Do.
Coulee.....	WTOU	300, 600	PG	do.....	I. W. T. Co.
Coulter.....	WQAO	300, 600	PG	do.....	S. O. R. S.
Council Bluffs.....	WYOA	300, 600	PG	do.....	R. C. of A.
Couparle.....	WVOE	300, 600	PG	do.....	Do.
Courageous.....	WVUA	300, 600	PG	do.....	I. W. T. Co.
Courtois.....	WVOI	300, 600	PG	do.....	R. C. of A.
Coushatta.....	WVOO	300, 600	PG	do.....	I. W. T. Co.
Coutolene.....	WVOU	300, 600	PG	do.....	Do.
Covalt.....	KEMM	300, 600	PG	do.....	R. C. of A.
Covedale.....	KEMN	300, 450, 600	PG	do.....	Do.
Covena.....	KEMP	300, 450, 600	PG	do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Coverun.....	KENM	300,600	PG	U. S. S. B.	R. C. of A.
Cowan.....	KENN	300,600	PG	do.	Do.
Cowanshannock.....	WMAE	300,450,600	PG	do.	S. O. R. S.
Cowardin.....	KESL	300,450,600	PG	Nacirema S. S. Corp.	R. C. of A.
Cowboy.....	WMAI	300,600	PG	U. S. S. B.	S. O. R. S.
Cowee.....	WMAO	300,450,600	PG	do.	I. W. T. Co.
Coweta.....	WNEU	300,600	PG	do.	R. C. of A.
Cowiche.....	WXOA	300,450,600	PG	do.	Do.
Coyote.....	KXUU	300,600	PG	American S. S. Corp.	Do.
Crabtree.....	WXOE	300,600	PG	U. S. S. B.	Do.
Craftsman.....	KIBR	300,600	PG	do.	Do.
Craigrownie.....	WXOI	300,600	PG	do.	I. W. T. Co.
Craigmere.....	WXOO	300,600	PG	do.	S. O. R. S.
Craincreek.....	WNAA	300,600	PG	do.	R. C. of A.
Cranenest.....	WNAE	300,600	PG	do.	I. W. T. Co.
Cranford.....	KOLX	300,600	PG	do.	Do.
Craster Hall.....	KLK	300,660	PG	U. S. Steel Products Co.	R. C. of A.
Crathorne.....	WSOO	300,600	PG	U. S. S. B.	I. W. T. Co.
Crawl Keys.....	WDEI	300,600	PG	do.	R. C. of A.
Craycroft.....	WNAI	300,600	PG	do.	S. O. R. S.
Creole.....	KKR	300,450,600	PG	Southern Pacific Co.	R. C. of A.
Cressap.....	KRUA	300,600	PG	U. S. S. B.	S. O. R. S.
Cretan.....	KQC	300,450,600	PG	Merchants & Miners Transpn. Co.	I. W. T. Co.
Crocket.....	WSEI	300,450,600	PG	Crocket S. S. Co.	S. O. R. S.
Cripple Creek.....	KOJL	300,376,600	PG	U. S. S. B.	Do.
Crisfield.....	KOKP	300,600	PG	do.	I. W. T. Co.
Cristina.....	KUZB	300,450,600	PG	Vincent Astor.	R. C. of A.
Cristobal.....	KMD	300,450,600	PG	Panama R. R. Co.	Owner of vessel.
Crofton Hall.....	KLR	300,450,600	PG	U. S. Steel Products Co.	R. C. of A.
Cross Keys.....	KOTD	300,600	PG	U. S. S. B.	I. W. T. Co.
Crown City.....	KUSP	300,600	PG	do.	R. C. of A.
Crudoil.....	KUQD	300,600	PG	Pan-American Petro- leum & Transport Co.	Do.
Cruso.....	WNIA	300,600	PG	U. S. S. B.	I. W. T. Co.
Cuba.....	WQU	300,600	PG	Pacific Mail S. S. Co.	F. T. Co.
Cubore.....	KUPP	300,600	PG	Ore S. S. Corporation	R. C. of A.
Culburra.....	KOZR	300,600	PG	J. E. Chilberg	Do.
Cumberland.....	WKOI	300,600	PG	U. S. S. B.	Do.
Curacao.....	WKG	300,600	PG	Pacific S. S. Co.	Owner of vessel.
Curlew.....	KOSZ	300,450,600	PG	Curlew Co.	I. W. T. Co.
Currier.....	KNU	300,450,600	PG	Gulf Refining Co.	S. O. R. S.
Cushnet.....	KONB	300,600	PG	U. S. S. B.	R. C. of A.
Cushnoc.....	KIMJ	300,450,600	PG	do.	I. W. T. Co.
Custodian.....	KIVZ	300,600	PG	do.	S. O. R. S.
Cuttyhunk.....	KONC	300,600	PG	do.	Do.
Cuyamaca.....	KUXD	300,600	PG	do.	R. C. of A.
Daca.....	KKIA	300,600	PG	do.	I. W. T. Co.
Dade County.....	KIJZ	300,600	PG	do.	Owner of vessel.
Dakotan.....	WKD	300,600	PG	American - Hawaiian S. S. Co.	R. C. of A.
Dalana.....	KQAU	300,600	PG	Nacirema S. S. Corp.	S. O. R. S.
Dalgada.....	KEDC	300,600	PG	U. S. S. B.	R. C. of A.
Dallas.....	KEQB	300,600	PG	do.	Do.
Damacan.....	KELS	300,600	PG	do.	Do.
Damuru.....	KPEO	300,600	PG	do.	Do.
Dancey.....	WSAA	300,600	PG	do.	Do.
Danebrog.....	WXAO	300,600	PG	do.	Do.
Daniel Webster.....	KOKM	300,600	PG	do.	I. W. T. Co.
Dannedaika.....	KOPD	300,450,600	PG	do.	R. C. of A.
Danvers.....	KOSK	300,600	PG	do.	Do.
Danville.....	KOSJ	300,600	PG	U. S. S. B.	Do.
D'Arbonne.....	KESX	300,600	PG	do.	Do.
Dardania.....	KICD	300,600	PG	do.	S. O. R. S.
Darden.....	KUPK	300,600	PG	do.	Do.
Dardora.....	KELT	300,600	PG	do.	Do.
Darien.....	KULG	300,600	PG	Panama R. R. Co.	Owner of vessel.
Darrah.....	WZIA	300,600	PG	U. S. S. B.	S. O. R. S.
Datis.....	KICF	300,600	PG	do.	I. W. T. Co.
Dauperata.....	KIZJ	300,600	PG	do.	R. C. of A.
Davenport.....	KUDR	300,600	PG	J. O. Davenport.	S. O. R. S.
Davidson County.....	KINX	300,600	PG	U. S. S. B.	R. C. of A.
Dawnlite.....	KPP	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Daylite.....	KPR	300,450,600	PG	do.	Do.
Dayton.....	KNP	300,450,600	PG	do.	Do.
Decatur Bridge.....	KECJ	300,600	PG	U. S. S. B.	S. O. R. S.
Deepwater.....	KLY	300,450,600	PG	Castner, Curran & Bullitt.	R. C. of A.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Deerfield.....	WTIU	300, 600	PG	U. S. S. B.....	
Deer Lodge.....	KIMD	300, 600	PG	do.....	S. O. R. S.
Defiance.....	WSEA	300, 600	PG	do.....	I. W. T. Co.
Delanson.....	KOTX	300, 600	PG	do.....	R. C. of A.
Delavan.....	KIRQ	300, 600	PG	do.....	I. W. T. Co.
Delco.....	KIZB	300, 600	PG	Delco S. S. Co.....	Do.
Delfina.....	KIVS	300, 600	PG	U. S. S. B.....	R. C. of A.
Delight.....	KQOE	300, 600	PG	do.....	S. O. R. S.
Delisle.....	KIVT	300, 600	PG	do.....	Do.
Dellwood.....	KUBZ	300, 600	PG	do.....	I. W. T. Co.
Delphine.....	KIFL	300, 450, 600	PG	H. E. Dodge.....	R. C. of A.
Delrosa.....	KUTG	300, 600	PG	U. S. S. B.....	Do.
Democracy.....	WAQ	300, 600	PG	do.....	S. O. R. S.
Deranof.....	KQIO	300, 600	PG	do.....	I. W. T. Co.
Derbyline.....	KIRT	300, 600	PG	do.....	R. C. of A.
Deroche.....	KOBJ	300, 600	PG	do.....	I. W. T. Co.
Dertona.....	KICG	300, 600	PG	do.....	R. C. of A.
Des Moines Bridge.....	KUCG	300, 600	PG	do.....	I. W. T. Co.
De Soto.....	KNI	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Detroit-Wayne.....	KONX	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Deuel.....	KOMD	300, 600	PG	do.....	S. O. R. S.
Deva.....	KICK	300, 600	PG	do.....	I. W. T. Co.
Devolente.....	KIVR	300, 600	PG	do.....	Do.
Dewey.....	KODT	300, 450, 600	PG	do.....	Do.
D. G. Scofield.....	WRD	300, 450, 600, 1, 800	PG	Standard Oil Co. of Calif.	R. C. of A.
Diablo.....	KEPD	300, 600	PG	U. S. S. B.....	S. O. R. S.
Diana.....	KICJ	300, 600	PG	do.....	I. W. T. Co.
Dillwyn.....	KODX	300, 600	PG	do.....	R. C. of A.
Dilworth.....	KOVJ	300, 450, 600	PG	do.....	S. O. R. S.
Dio.....	WNEO	300, 600	PG	do.....	I. W. T. Co.
Director.....	KIGJ	300, 600	PG	do.....	Do.
Dirigo.....	KEGM	300, 600	PG	do.....	Do.
Dochet.....	KIMR	300, 600	PG	do.....	S. O. R. S.
Dochra.....	KGL	300, 450, 600	PG	Barber & Co.....	R. C. of A.
Domingo Nazara 1.....	KUVN	300, 600	PG	U. S. S. B.....	S. O. R. S.
Donald McKay.....	KULL	300, 600	PG	N. C. Eggen.....	Owner of vessel.
Dora.....	WAH	300, 600	PG	Merchants & Miners Transpn. Co.	I. W. T. Co.
Dorchester.....	KQD	300, 450, 600	PG	Cape Cod S. S. Co.....	Owner of vessel.
Dorothy Bradford.....	KNA	300, 600	PG	France & Canada S. S. Corp.	R. C. of A.
Dorothy Palmer.....	KQW	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Doylestown.....	KIPG	300, 600	PG	Hind-Rolph & Co.....	R. C. of A.
Dreadnought.....	WGL	300, 600	PG	U. S. S. B.....	Do.
Dryden.....	KORK	300, 600	PG	American Sugar Refining Co.	Do.
Dulcino.....	KTV	300, 600	PG	U. S. S. B.....	S. O. R. S.
Dungannon.....	KUZV	300, 600	PG	do.....	R. C. of A.
Dungeness.....	WPOI	300, 600	PG	Robert Dollar Co.....	S. O. R. S.
Dunsyre.....	KUMF	300, 600	PG	U. S. S. B.....	S. O. R. S.
Duquene.....	KECS	300, 600	PG	Standard Transportation Co.	R. C. of A.
Eagle.....	KIR	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
E. A. Morse.....	KOVN	300, 600	PG	do.....	R. C. of A.
East Cape.....	KENC	300, 600	PG	do.....	S. O. R. S.
East Chicago.....	KUKD	300, 600	PG	do.....	I. W. T. Co.
East Cliff.....	KSIA	300, 600	PG	do.....	Do.
Easterling.....	KEJD	300, 600	PG	do.....	Do.
Eastern Admiral.....	KURN	300, 600	PG	do.....	S. O. R. S.
Eastern Belle.....	KUJT	300, 600	PG	do.....	Do.
Eastern Breeze.....	KOPP	300, 600	PG	do.....	Do.
Eastern Chief.....	KSEI	300, 600	PG	do.....	Do.
Eastern Cloud.....	KUSQ	300, 450, 600	PG	do.....	Do.
Eastern Coast.....	KURX	300, 600	PG	do.....	Do.
Eastern Crag.....	KUJV	300, 450, 600	PG	do.....	I. W. T. Co.
Eastern Cross.....	WKIU	300, 600	PG	do.....	S. O. R. S.
Eastern Crown.....	KUNQ	300, 600	PG	do.....	R. C. of A.
Eastern Dawn.....	KUQT	300, 450, 600	PG	do.....	Do.
Easterner.....	WGEA	300, 600	PG	do.....	I. W. T. Co.
Eastern Gale.....	KUDZ	300, 600	PG	do.....	S. O. R. S.
Eastern Glade.....	KUND	300, 450, 600	PG	do.....	R. C. of A.
Eastern Glen.....	KUVB	300, 450, 600	PG	do.....	I. W. T. Co.
Eastern Guide.....	KUCN	300, 450, 600	PG	do.....	Do.
Eastern King.....	WFEA	300, 600	PG	do.....	R. C. of A.
Eastern Knight.....	KUFB	300, 450, 600	PG	do.....	I. W. T. Co.
Eastern Light.....	WKII	300, 600	PG	do.....	Do.
Eastern Maid.....	KUTF	300, 450, 600	PG	do.....	R. C. of A.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Eastern Mariner.....	KUGB	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Eastern Merchant.....	KUKS	300, 450, 600	PG	do.....	R. C. of A.
Eastern Moon.....	KUDX	300, 450, 600	PG	do.....	I. W. T. Co.
Eastern Ocean.....	KUNF	300, 600	PG	do.....	S. O. R. S.
Eastern Pilot.....	KULJ	300, 600	PG	do.....	R. C. of A.
Eastern Planet.....	KUPD	300, 450, 600	PG	do.....	I. W. T. Co.
Eastern Queen.....	KXUE	300, 600	PG	do.....	S. O. R. S.
Eastern Sailor.....	KUZT	300, 600	PG	do.....	I. W. T. Co.
Eastern Sea.....	KTEA	300, 450, 600	PG	do.....	Do.
Eastern Shore.....	WKIO	300, 600	PG	do.....	R. C. of A.
Eastern Star.....	KTAU	300, 600	PG	Standard S. S. Co.....	I. W. T. Co.
Eastern States.....	WEE	300, 600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
Eastern Sun.....	KTIE	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Eastern Tempest.....	KUVG	300, 450, 600	PG	do.....	S. O. R. S.
Eastern Trader.....	KULK	300, 450, 600	PG	do.....	I. W. T. Co.
Eastern Victor.....	KUNR	300, 600	PG	do.....	S. O. R. S.
East Indian.....	WGEI	300, 600	PG	do.....	Do.
Eastport.....	WCIE	300, 600	PG	do.....	R. C. of A.
East Side.....	KIMQ	300, 600	PG	do.....	I. W. T. Co.
East Wind.....	KEKB	300, 600	PG	do.....	Do.
Eclipse.....	KEGF	300, 600	PG	do.....	S. O. R. S.
E. C. Pope.....	WZAU	300, 600	PG	Inter-Coast S. S. Co.....	Do.
Ecuador.....	WBN	300, 600, 1800	PG	Pacific Mail S. S. Co.....	F. T. Co.
Edollyn.....	KIJL	300, 600	PG	U. S. S. B.....	S. O. R. S.
Edenton.....	KECB	300, 450, 530, 600	PG	do.....	Do.
Edgar F. Luckenbach.....	KGK	300, 450, 530, 600	PG	Luckenbach Co.....	Do.
Edgecombe.....	WQUE	300, 600	PG	U. S. S. B.....	Do.
Edgefield.....	KEBF	300, 600	PG	do.....	I. W. T. Co.
Edgehill.....	KETN	300, 600	PG	do.....	R. C. of A.
Edgemont.....	KETP	300, 600	PG	do.....	Do.
Edgemoor.....	KEVF	300, 600	PG	do.....	Do.
Edgewood.....	KICM	300, 600	PG	do.....	Do.
Edisto.....	KILG	300, 600	PG	do.....	S. O. R. S.
Edith.....	KZF	300, 600	PG	A. H. Bull S. S. Co.....	I. W. T. Co.
Editor.....	KOBG	300, 600	PG	U. S. S. B.....	S. O. R. S.
Edmore.....	KILJ	300, 600	PG	do.....	I. W. T. Co.
Edna.....	KIPT	300, 600	PG	Sudden & Christensen.	R. C. of A.
Edward J. Lawrence.....	KQY	300, 450, 600	PG	French Overseas Corp.	Do.
Edward L. Doheny.....	WIE	300, 450, 600	PG	Pan-American Petro- leum & Transport Co.	Do.
Edward L. Doheny, Junior.	WIJ	300, 450, 600	PG	do.....	Do.
Edward Luckenbach.....	KGQ	300, 450, 525, 600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Edward Pierce.....	KMOU	300, 600	PG	Crowell & Thurlow S. S. Co.	Do.
Eelbeck.....	KINQ	300, 600	PG	U. S. S. B.....	R. C. of A.
Effingham.....	KOLT	300, 600	PG	do.....	Do.
Efna.....	KOMT	300, 600	PG	do.....	Do.
E. G. Crosby.....	KURS	300, 600	PG	Chicago, Racine & Milwaukee S. S. Co.	Do.
Eglantine.....	KOPT	300, 600	PG	U. S. S. B.....	S. O. R. S.
Egremont.....	KOQS	300, 600	PG	do.....	I. W. T. Co.
E. J. Earling.....	WEI	300, 600	PG	Franklin S. S. Co.....	R. C. of A.
El Alba.....	KKL	300, 450, 600	PG	Southern Pacific Co.....	Owner of vessel.
El Almirante.....	KKG	300, 450, 600	PG	do.....	R. C. of A.
El Capitan.....	KKH	300, 450, 600	PG	do.....	Do.
El Capitan.....	WNB	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
El Cid.....	KKT	300, 450, 600	PG	Southern Pacific Co...	Do.
Eldena.....	KEVG	300, 600	PG	U. S. S. B.....	Do.
El Dia.....	KKY	300, 450, 600	PG	Southern Pacific Co.....	Owner of vessel.
E. L. Dohney, Third.....	WROO	300, 600	PG	U. S. S. B.....	Do.
Eldora.....	KELF	300, 600	PG	do.....	Do.
Eldorado.....	KMOI	300, 600	PG	Western Transport Co.	Do.
Eldridge.....	KICN	300, 600	PG	U. S. S. B.....	S. O. R. S.
Elfay.....	KOVQ	300, 450, 600	PG	Russell A. Alger.....	Do.
Elihu Thomson.....	KEXD	300, 600	PG	North Pacific Sea Products Co.	Do.
Elinor.....	KVR	300, 600	PG	U. S. S. B.....	Do.
Elkhorn.....	KOCL	300, 600	PG	do.....	R. C. of A.
Elkridge.....	KISG	300, 600	PG	do.....	Do.
Elkton.....	KOFK	300, 600	PG	do.....	I. W. T. Co.
Elkwater.....	KILS	300, 600	PG	do.....	Do.
Elmsport.....	KILF	300, 600	PG	do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
El Mundo.....	KKU	300,450,600	PG	Southern Pacific Co...	R. C. of A.
El Norte.....	KKN	300,450,600	PG	do.....	Do.
El Occidente.....	KKX	300,600	PG	do.....	I. W. T. Co.
El Oriente.....	KKV	300,450,600	PG	do.....	R. C. of A.
El Rio.....	KKZ	300,450,600	PG	do.....	Do.
El Segundo.....	WTQ	300,600	PG	Standard Oil Co. of Calif.	Do.
El Siglo.....	KKS	300,450,600	PG	Southern Pacific Co...	Owner of vessel.
El Sol.....	KKB	300,450,600	PG	do.....	R. C. of A.
El Sud.....	KKQ	300,450,600	PG	do.....	Do.
El Valle.....	KKW	300,450,600	PG	do.....	Do.
Endicott.....	KODN	300,600	PG	U. S. S. B.....	S. O. R. S.
Englewood.....	WGAA	300,600	PG	do.....	Do.
Ensely City.....	KUZS	300,600	PG	U. S. Steel Products Co.	Do.
Enterprise.....	WMN	300,450,600	PG	Matson Navigation Co.	R. C. of A.
Eocene.....	KTM	300,600	PG	Standard Oil Co. of N. Y.	Owner of vessel.
Epitacio Pessoa.....	KOCC	300,600	PG	U. S. S. B.....	I. W. T. Co.
Ernest H. Meyer.....	WMJ	300,600	PG	Broughton & Wiggins Nav. Co.	R. C. of A.
E. R. Sterling.....	WIS	300,565,600	PG	Sterling Ship Co.....	Owner of vessel.
Escambia.....	KOGK	300,600	PG	U. S. S. B.....	S. O. R. S.
Esopus.....	KETF	300,600	PG	do.....	Do.
Esparta.....	KDO	300,450,600	PG	United Fruit Co.....	T. R. T. Co.
Esperanza.....	KWZ	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Essex.....	KQE	300,450,600	PG	Merchants & Miners Transpn. Co.	Do.
Ethan Allen.....	KUJQ	300,600	PG	U. S. S. B.....	S. O. R. S.
Ethelmutte.....	KEMB	300,600	PG	do.....	Do.
Eurana.....	KJG	300,600	PG	Green Star S. S. Corp.	R. C. of A.
Evangeline.....	KII	300,600	PG	James W. Elwell & Co.	Do.
Evansville.....	KIKT	300,600	PG	U. S. S. B.....	I. W. T. Co.
Evelyn.....	KZP	300,600	PG	A. H. Bull S. S. Co.	Do.
Everett.....	KZT	300,600	PG	New England Fuel & Transpn. Co.	R. C. of A.
Everett.....	KUQR	300,600	PG	Charles R. McCormick & Co.	Owner of vessel.
Everglades.....	WQEE	300,600	PG	U. S. S. B.....	R. C. of A.
Evergreen City.....	KUNJ	300,600	PG	do.....	I. W. T. Co.
Excelsior.....	KKO	300,450,600	PG	Southern Pacific Co...	R. C. of A.
Explorer.....	KIVN	300,600	PG	U. S. S. B.....	Do.
Eyota.....	KKII	300,600	PG	do.....	I. W. T. Co.
Fairmont.....	KXT	300,600	PG	Coastwise Transportation Co.	R. C. of A.
Fair Oaks.....	WSM	300,600	PG	Oriental Navigation Corp.	Do.
Faith.....	KJOA	300,600	PG	San Francisco S. B. Co.	Owner of vessel.
Falmouth.....	WKOE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Fame.....	KEDL	300,600	PG	do.....	S. O. R. S.
Faraby.....	KEJV	300,600	PG	do.....	Do.
Fargo.....	KONL	300,600	PG	do.....	R. C. of A.
Farnam.....	KQIE	300,600	PG	do.....	I. W. T. Co.
Fassett.....	KMUO	300,600	PG	do.....	R. C. of A.
Favorite.....	KIFG	300,600	PG	Great Lakes Towing Co.	Do.
Favorite.....	WCF	300,600	PG	U. S. S. B.....	Do.
Fayette Brown.....	WQG	300,600	PG	Harvey H. Brown & Co.	Do.
F. B. Squire.....	WFU	300,600	PG	Jenkins S. S. Co.	Do.
F. D. Asche.....	KSUA	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Federal.....	WDOO	300,600	PG	U. S. S. B.....	S. O. R. S.
Federal Bridge.....	KOCN	300,450,600	PG	do.....	Do.
Felix Taussig.....	KXZ	300,600	PG	Crowell & Thurlow S. S. Co.	Do.
Feltore.....	KFG	300,450,600	PG	Ore S. S. Corp.....	R. C. of A.
Fernandina.....	WTIA	300,600	PG	U. S. S. B.....	Do.
Finback.....	KEMQ	300,600	PG	American Arctic Corp.	Do.
Finland.....	KSF	300,600	PG	International Mercantile Marine Co.	I. W. T. Co.
Firmore.....	KDX	300,450,600	PG	Ore S. S. Corp.....	R. C. of A.
Firthcliffe.....	KITF	300,600	PG	U. S. S. B.....	S. O. R. S.
Fish Cannery No. 1.....	KDAK	300,600	PG	Fish Cannery Co.	Do.
Fishers Island.....	KUPZ	300,600	PG	U. S. S. B.....	Do.
Fish Hawk.....	WKIA	300,600	PG	Fishhawk Co.	Owner of vessel.
Fishkill.....	KULF	300,600	PG	U. S. S. B.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
F. J. Luckenbach.....	WNZ	300, 450, 525, 600	PG	Luckenbach S. S. Co.	S. O. R. S.
Flavel.....	WQUI	300, 600	PG	U. S. S. B.	Do.
Florence Luckenbach.....	WNM	300, 600	PG	Luckenbach S. S. Co.	Do.
Florence Olson.....	WPK	300, 600	PG	Oliver J. Olson.....	R. C. of A.
Florida.....	KUS	300, 450, 600	PG	Texas Co.	Do.
Florida.....	WJJ	300, 600	PG	Goodrich Transit Co.	Do.
Floridian.....	WLR	300, 450, 600	PG	American-Hawaiian S. S. Co.	
Fluor Spar.....	KIQX	300, 600	PG	U. S. S. B.	Do.
Folsom.....	WQOO	300, 600	PG	do.	Do.
Fonduco.....	KNUA	300, 600	PG	do.	S. O. R. S.
Fordonian.....	KRU	300, 600	PG	American-Mediterranean S. S. Co.	R. C. of A.
Forster.....	KKIE	300, 600	PG	U. S. S. B.	S. O. R. S.
Fort Armstrong.....	KUKF	300, 600	PG	do.	Do.
Fort Bragg.....	WLH	300, 600	PG	Charles H. Higgins.....	
Fort George.....	KBIA	300, 600	PG	U. S. S. B.	R. C. of A.
Fort Harrison.....	WNOI	300, 600	PG	do.	
Fort Leavenworth.....	KEPB	300, 600	PG	do.	I. W. T. Co.
Fort Logan.....	KIQJ	300, 600	PG	do.	S. O. R. S.
Fort Pierce.....	WJUA	300, 600	PG	do.	
Fort Pitt Bridge.....	KWB	300, 600	PG	do.	I. W. T. Co.
Fort Riley.....	WNOE	300, 600	PG	do.	R. C. of A.
Fort Russell.....	WNOU	300, 600	PG	do.	S. O. R. S.
Fort Scott.....	KEBJ	300, 600	PG	do.	R. C. of A.
Fort Seward.....	KEVJ	300, 600	PG	do.	Do.
Fort Sill.....	KEBL	300, 600	PG	do.	S. O. R. S.
Fort Smith.....	KEBK	300, 600	PG	do.	R. C. of A.
Fort Snelling.....	WNOO	300, 600	PG	do.	S. O. R. S.
Fort Stevens.....	KEBG	300, 600	PG	do.	R. C. of A.
Fort Wayne.....	WDOU	300, 600	PG	do.	Do.
Fort Worth.....	KLD	300, 600	PG	do.	
Fort Wright.....	KTEO	300, 600	PG	do.	Do.
Fourth Alabama.....	KIXJ	300, 600	PG	do.	Do.
F. Q. Barstow.....	KNQ	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Frank H. Buck.....	WTO	300, 600, 1800	PG	Associated Oil Co.	F. T. Co.
Franklin.....	WFF	300, 450, 600	PG	Coastwise Transportation Co.	R. C. of A.
Franklin County.....	KOTV	300, 450, 600	PG	U. S. S. B.	I. W. T. Co.
Fred Baxter.....	WOG	300, 600	PG	Fred Baxter S. S. Co.	Owner of vessel.
Frederic R. Kellogg.....	WIQ	300, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Fred'k Luckenbach.....	KGV	300, 600	PG	Luckenbach S. S. Co.	S. O. R. S.
Fred W. Weller.....	KNY	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Freedom.....	KFW	300, 600	PG	U. S. S. B.	Do.
Freeman.....	WMM	300, 600	PG	Pocahontas Fuel Co.	Do.
Freeport Sulphur No. 1.....	KRA	300, 600	PG	Freeport Sulphur Transportation Co.	Do.
Freeport Sulphur No. 2.....	KRG	300, 600	PG	do.	Do.
Freeport Sulphur No. 5.....	KUMK	300, 600	PG	do.	Do.
Freeport Sulphur No. 6.....	KUNP	300, 600	PG	do.	Do.
Fresno.....	KTIO	300, 600	PG	U. S. S. B.	Do.
Frieda.....	KFF	300, 440, 525, 600	PG	Union Sulphur Co.	S. O. R. S.
Fueloil.....	KUQB	300, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Gaffney.....	KICR	300, 600	PG	U. S. S. B.	S. O. R. S.
G. A. Flagg.....	WZEI	300, 600	PG	Boland & Cornelius S. S. Corp.	I. W. T. Co.
Galahad.....	KEQR	300, 600	PG	U. S. S. B.	Do.
Galesburg.....	WGAE	300, 600	PG	do.	
Ganerl.....	KERL	300, 600	PG	do.	
Garfield.....	WQOE	300, 600	PG	Grace S. S. Co.	
Gargoyle.....	KRK	300, 450, 600	PG	Union Petroleum S. S. Co.	R. C. of A.
Garibaldi.....	KROU	300, 600	PG	U. S. S. B.	Do.
Gene Crawley.....	KQF	300, 600	PG	Sinclair Gulf Corp.	Do.
General G. W. Goethals.....	KMZ	300, 600	PG	Panama R. R. Co.	Owner of vessel.
General H. F. Hodges.....	KPG	300, 600	PG	do.	Do.
General O. H. Ernst.....	KPF	300, 600	PG	do.	Do.
General W. C. Gorgas.....	KIP	300, 600	PG	do.	Do.
Genesee.....	KIDL	300, 450, 600	PG	W. K. Vanderbilt, jr.	Do.
George B. MacKenzie.....	KUNT	300, 600	PG	American Bauxite Co.	R. C. of A.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS— Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
George E. Paddleford.....	WIV	300, 450, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
George G. Henry.....	WIT	300, 600	PG	.....do.....	Do.
Geo. H. Jones.....	KIPS	300, 600	PG	Standard Oil Co. of N. J.	Do.
George W. Barnes.....	KMUI	300, 600	PG	Pan-American Petroleum & Transport Co.	Do.
Georgia.....	KUR	300, 450, 600	PG	Texas Co.....	I. W. T. Co.
Georgia.....	WFA	300, 600	PG	Goodrich Transit Co.	R. C. of A.
Georgina Rolph.....	KETX	300, 600	PG	Rolph Navigation & Coal Co.	Owner of vessel.
Glendola.....	KFAI	300, 600	PG	U. S. S. B.....	R. C. of A.
Glendoyie.....	KFAO	300, 600	PG	.....do.....	I. W. T. Co.
Glenpool.....	KOH	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Glen Ridge.....	KIRZ	300, 600	PG	U. S. S. B.....	Do.
Glen White.....	KSIE	300, 600	PG	Castner, Curran & Bullitt.	Do.
Glorieta.....	KJO	300, 450, 600	PG	Munisla S. S. Corp.....	Do.
Gloucester.....	KQG	300, 450, 600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Glymont.....	KEXZ	300, 450, 600	PG	U. S. S. B.....	R. C. of A.
Glyndon.....	KEZQ	300, 600	PG	Glyndon S. S. Corp.....	Do.
Gold Shell.....	WIB	300, 450, 600	PG	Gold Shell S. S. Co.....	Do.
Gonzalis.....	KOBQ	300, 600	PG	U. S. S. B.....	Do.
Goodspeed.....	WKEO	300, 600	PG	.....do.....	I. W. T. Co.
Goree.....	WLII	300, 600	PG	.....do.....	Do.
Governor.....	WGR	300, 450, 600	PG	Pacific S. S. Co.....	R. C. of A.
Governor Brooks.....	KPZ	300, 450, 600	PG	France & Canada S. S. Corp.	Do.
Governor Cobb.....	KRB	300, 600	PG	Eastern S. S. Lines.....	Do.
Governor Dingley.....	KRV	300, 600	PG	.....do.....	Do.
Governor John Lind.....	WREU	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Grand Haven.....	KEXR	300, 600	PG	Grand Trunk Car Ferry Line.	R. C. of A.
Gratia.....	KIGP	300, 450, 600	PG	Gratia Navigation Co.....	Do.
Gray Eagle.....	KEZT	300, 600	PG	U. S. S. B.....	S. O. R. S.
Grayling.....	KEVL	300, 600	PG	.....do.....	I. W. T. Co.
Great Falls.....	KUFK	300, 600	PG	.....do.....	R. C. of A.
Grebe.....	KUMJ	300, 600	PG	East Coast Fisheries Co.	Owner of vessel.
Grecian.....	KQR	300, 450, 600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Greenland.....	KUPG	300, 600	PG	U. S. S. B.....	S. O. R. S.
Greenwood.....	WLL	300, 600	PG	Greenwood S. S. Co.....	I. W. T. Co.
Guantanamo.....	KWN	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	Do.
Guardian.....	WGZ	300, 600	PG	Central & South American Teleg. Co.	Owner of vessel
Guardsman.....	KIVX	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Guaro.....	WJV	300, 600	PG	.....do.....	Do.
Guilford.....	KEMF	300, 600	PG	.....do.....	S. O. R. S.
Guimba.....	WJIE	300, 600	PG	.....do.....	Do.
Gulfoast.....	KUE	300, 600	PG	Gulf Refining Co.....	R. C. of A.
Gulfland.....	KUD	300, 600	PG	.....do.....	I. W. T. Co.
Gulflight.....	KUA	300, 600	PG	.....do.....	R. C. of A.
Gulfmaid.....	KUB	300, 450, 600	PG	.....do.....	Do.
Gulf of Mexico.....	KUC	300, 450, 600	PG	.....do.....	Do.
Gulfoil.....	KTG	300, 600	PG	.....do.....	I. W. T. Co.
Gulfport.....	KREE	300, 600	PG	Freeport-Tampico Fuel Oil Transportation Corp.	R. C. of A.
Gulf Queen.....	KVS	300, 600	PG	Gulf Refining Co.....	I. W. T. Co.
Gulfstream.....	KTB	300, 600	PG	.....do.....	Do.
Gultrade.....	KOVV	300, 600	PG	.....do.....	Do.
Gunston Hall.....	KICV	300, 600	PG	U. S. S. B.....	Do.
Haddon.....	KIRN	300, 600	PG	.....do.....	Do.
Hadnot.....	KOGP	300, 600	PG	.....do.....	S. O. R. S.
Hagan.....	KOQC	300, 600	PG	.....do.....	Do.
Hagood.....	KOQD	300, 600	PG	.....do.....	I. W. T. Co.
Hahatonka.....	KUPF	300, 600	PG	.....do.....	S. O. R. S.
Hahira.....	KUZC	300, 600	PG	.....do.....	Do.
Halcyon.....	KZL	300, 450, 600	P	Dutree W. Flint.....	Owner of vessel.
Haleakala.....	KORL	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Haif Moon.....	KUVX	300, 600	PG	.....do.....	Do.
Hamilton.....	KOA	300, 450, 600	PG	Old Dominion S. S. Co.	R. C. of A.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Hamlin.....	KOJC	300,600	PG	U. S. S. B.....	R. C. of A.
Hampden.....	WXUI	300,600	PG	Coastwise Transportation Co.	Do.
Hampton Roads.....	KESR	300,600	PG	Baltimore Dry Dock & S. B. Co.	Do.
Hancock County.....	KORT	300,600	PG	U. S. S. B.....	I. W. T. Co.
Hanover.....	KOJK	300,600	PG	do.....	Do.
Harish.....	WSIE	300,600	PG	do.....	R. C. of A.
Harold Walker.....	WIX	300,450,600	PG	Pan-American Petroleum & Transport Co.	Do.
Harry Farnum.....	KQA	300,450,600	PG	Sinclair Gulf Corp.....	Do.
Harry Luckenbach.....	KIGS	300,600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Harry W. Croft.....	WQF	300,600	PG	Harvey H. Brown & Co.	R. C. of A.
Hartford.....	KOSX	300,600	PG	U. S. S. B.....	I. W. T. Co.
Hartwood.....	KEVR	300,600	PG	Hart-Wood Lumber Co.	Owner of vessel.
Harvey H. Brown.....	WQE	300,600	PG	Castner, Curran & Bullitt.	R. C. of A.
Haslehurst.....	KOXB	300,600	PG	U. S. S. B.....	Do.
Hastnai.....	KUVP	300,600	PG	National Oil Transport Co.	Do.
Hatchie.....	KIVJ	300,600	PG	U. S. S. B.....	S. O. R. S.
Hathaway.....	KODK	300,600	PG	do.....	R. C. of A.
Hatteras.....	WNV	300,450,600	PG	do.....	I. W. T. Co.
Hattie Luckenbach.....	WNF	300,600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Haverhill.....	WLUE	300,600	PG	U. S. S. B.....	Do.
Havilah.....	KUJK	300,450,600	PG	do.....	I. W. T. Co.
Hawaiian.....	WKU	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Hawarden.....	KUPX	300,450,600	PG	U. S. S. B.....	R. C. of A.
Haxtum.....	KUTB	300,600	PG	do.....	Do.
Hayden.....	KUZP	300,600	PG	do.....	Do.
H. C. Cadmus.....	KVT	300,450,600	PG	Neptune Line.....	Do.
H. C. Folger.....	KHS	300,450,600	PG	Atlantic Refining Co.	Do.
Heffron.....	WBAI	300,600	PG	U. S. S. B.....	S. O. R. S.
Hegira.....	KIDF	300,600	PG	do.....	R. C. of A.
Heien.....	KZH	300,600	PG	Bull Insular S. S. Co.	I. W. T. Co.
Henry Clay.....	KESZ	300,600	PG	U. S. S. B.....	Do.
Henry County.....	KOMS	300,450,600	PG	American S. B. Co.....	Do.
Henry J. Biddle.....	WOW	300,600	PG	California & Hawaiian Sugar Refining Co.	Owner of vessel.
Henry M. Flagler.....	KOX	300,600	PG	Florida East Coast Car Ferry Co.	R. C. of A.
Henry R. Mallory.....	KEF	300,450,600	PG	Mallory S. S. Co.....	I. W. T. Co.
Henry Steers.....	KURR	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Herbert G. Wylie.....	WIF	300,450,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Herbert L. Pratt.....	KOY	300,600	PG	Atlantic Refining Co.	Do.
Hercules.....	KOCT	300,600	PG	Rolph Navigation & Coal Co.	Do.
Heredia.....	KDH	300,600	PG	United Fruit Co.....	T. R. T. Co.
Herman Winter.....	WDAO	300,600	PG	Eastern S. S. Lines.....	R. C. of A.
Hermosa.....	WBP	300,500,600	PR	Wilmington Transportation Co.	Do.
Heron.....	KUDF	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Hewitt.....	KIL	300,600	PG	Union Sulphur Co.....	S. O. R. S.
H. F. Dimock.....	KEN	300,450,600	PG	Eastern S. S. Lines.....	R. C. of A.
H. H. Rogers.....	KSI	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Hickman.....	WFOA	300,600	PG	U. S. S. B.....	Do.
Hico.....	KECK	300,600	PG	do.....	Do.
Higbo.....	KUBV	300,600	PG	do.....	Do.
Hillsborough County.....	KIKB	300,600	PG	do.....	S. O. R. S.
Hilton.....	KZK	300,600	PG	A. H. Bull S. S. Co.....	I. W. T. Co.
Himoto.....	KILC	300,600	PG	U. S. S. B.....	R. C. of A.
Hinckley.....	KURB	300,600	PG	do.....	S. O. R. S.
Hisko.....	WQD	300,600	PG	do.....	R. C. of A.
H. M. Flagler.....	KER	300,450,600	PG	Standard Oil Co. of N. J.	Do.
H. M. Whitney.....	WPV	300,600	PG	Whitney S. S. Co.....	Do.
Hog Island.....	KODV	300,600	PG	U. S. S. B.....	R. C. of A.
Hokah.....	WJAE	300,600	PG	do.....	S. O. R. S.
Holbrook.....	WQII	300,600	PG	do.....	Do.
Holden Evans.....	KMY	300,450,600	PG	Holden Evans S. S. Co.	R. C. of A.
Hollywood.....	WKH	300,440,525,600	PG	Hollywood S. S. Co.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Holyoke Bridge.....	KUCJ	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Homer.....	KUMG	300, 600	PG	D. J. Hanlon.....	Do.
Homestead.....	KEKR	300, 600	PG	U. S. S. B.....	S. O. R. S.
Honnedaga.....	KUXZ	300, 600	PG	do.....	Do.
Honolulu.....	WMZ	300, 600	PG	do.....	R. C. of A.
Hoosac.....	WQAU	300, 600	PG	do.....	Do.
Horace X. Baxter.....	WOF	300, 600	PG	Horace X. Baxter S. Co.	Do.
Horado.....	KECT	300, 600	PG	U. S. S. B.....	Do.
Houma.....	WTUO	300, 600	PG	do.....	I. W. T. Co.
Hoven.....	KEXV	300, 600	PG	do.....	Do.
Howard.....	KQH	300, 450, 600	PG	Merchants & Miners Transportation Co.	Do.
Howick Hall.....	KLT	300, 600	PG	U. S. Steel Products Co.	R. C. of A.
Hoxbar.....	KIJQ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Hoxie.....	KEMK	300, 600	PG	do.....	Do.
Hugoton.....	KIQR	300, 600	PG	do.....	R. C. of A.
Huguenot.....	KIVQ	300, 600	PG	do.....	Do.
Hulkey.....	KIFC	300, 600	PG	do.....	I. W. T. Co.
Hulaco.....	KODQ	300, 600	PG	do.....	R. C. of A.
Hulver.....	KIGD	300, 600	PG	do.....	I. W. T. Co.
Humaconna.....	KIGC	300, 600	PG	do.....	S. O. R. S.
Humboldt.....	WHX	300, 600	PG	James Jerome.....	R. C. of A.
Humrick.....	KIFN	300, 450, 600	PG	U. S. S. B.....	Do.
Huron.....	KVH	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.
Huron.....	KUSD	300, 450, 600	PG	U. S. S. B.....	R. C. of A.
Hutchinson.....	KUJP	300, 600	PG	do.....	Do.
Hyades.....	WMK	300, 450, 600	PG	Matson Navigation Co.	Do.
Hyannis.....	KJUA	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Ice King.....	KJUA	300, 600	PG	do.....	Do.
Iceland.....	KOKK	300, 600	PG	do.....	S. O. R. S.
Iconium.....	WQUO	300, 600	PG	do.....	Do.
Ida.....	WLV	300, 450, 600	PG	do.....	R. C. of A.
Idaho.....	WOO	300, 600	PG	Henry Wilson.....	Do.
I. D. Fletcher.....	KFI	300, 600	PG	Coast Transit Co.....	Do.
I. J. Merritt.....	KOVZ	300, 600	PG	Merritt & Chapman Derrick & Wrecking Co.	Do.
Illinois.....	WCZ	300, 600	PG	Northern Michigan Transpn. Co.	Do.
Imlay.....	KIZV	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Imufka.....	KEDS	300, 600	PG	do.....	Do.
Inco No. 1.....	WQA	300, 450, 600	PG	Inland Navigation Co.	R. C. of A.
Independence.....	WJIO	300, 600	PG	U. S. S. B.....	Do.
Independent Bridge.....	KOGB	300, 600	PG	do.....	S. O. R. S.
Indiana.....	WFC	300, 600	PG	Goodrich Transit Co.....	R. C. of A.
Indiana Bridge.....	KOND	300, 600	PG	U. S. S. B.....	Do.
Indiana Harbor.....	KUBS	300, 600	PG	do.....	I. W. T. Co.
Indianapolis.....	WROE	300, 600	PG	do.....	Do.
Ingold.....	WLUU	300, 600	PG	do.....	Do.
Innoko.....	KITI	300, 600	PG	do.....	R. C. of A.
Inspector.....	KOKR	300, 600	PG	do.....	I. W. T. Co.
Intan.....	KIGK	300, 600	PG	do.....	R. C. of A.
Invincible.....	WCII	300, 600	PG	do.....	Do.
Iowan.....	WKJ	300, 600	PG	American-Hawaiian S. Co.	Owner of vessel.
Ipswich.....	KILV	300, 500	PG	Shawmut S. S. Co.....	Do.
Iris.....	WOJ	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Iroquois.....	KVF	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.
Iroquois.....	KUTQ	300, 600	PG	Puget Sound Navigation Co.	R. C. of A.
Irvington.....	KOGQ	300, 600	PG	U. S. S. B.....	Do.
Isaac L. Rice.....	WKK	300, 600	PG	Electric Boat Co.....	Do.
Isabela.....	KGW	300, 600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Isanti.....	WVEU	300, 600	PG	U. S. S. B.....	Do.
Isonomia.....	KEL	300, 600	PG	do.....	Do.
Issaquena.....	KPIU	300, 600	PG	do.....	R. C. of A.
Italia.....	KUPB	300, 450, 600	PG	Submarine Boat Corp.	Transmarine Corp.
Itanca.....	WGUE	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Itompa.....	KENR	300, 450, 600	PG	Nacirema S. S. Corp.....	R. C. of A.
J. A. Bostwick.....	KJN	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Jackson.....	KIKC	300, 600	PG	U. S. S. B.....	S. O. R. S.
Jacksonville.....	KOJG	300, 600	PG	do.....	Do.
Jacona.....	WQUU	300, 600	PG	do.....	Do.
Jacox.....	KEML	300, 600	PG	do.....	I. W. T. Co.
Jadden.....	KORM	300, 600	PG	do.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Jamaica.....	WLB	300,450,600	PG	Jamaica Navigation Co.	Owner of vessel.
James McGee.....	KTP	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
James S. Whitney.....	WPW	300,600	PG	Acme S. S. Corp.....	Do.
James Timpson.....	WTA	300,600	PG	Resolved Corp.....	Do.
Jamestown.....	KOC	300,450,600	PG	Old Dominion S. S. Co.	Owner of vessel.
J. A. Moffett.....	WRE	300,600,1610, 1800	PG	Standard Oil Co. of Calif.	R. C. of A.
Jane Palmer.....	KPY	300,450,600	PG	France & Canada S. S. Corp.	Do.
Jason.....	KNJ	300,600	PG	Jason Navigation Co..	Do.
J. B. Stetson.....	WVUE	300,600	PG	Pacific Mercantile Ma- rine Co.	Do.
J. C. Donnell.....	WJM	300,600	PG	Atlantic Refining Co..	Do.
Jean.....	KZJ	300,600	PG	A. H. Bull S. S. Co..	I. W. T. Co.
Jeannette Skinner.....	WQW	300,440,525, 600	PG	U. S. S. B.....	Do.
Jefferson.....	KOD	300,450,600	PG	Old Dominion S. S. Co.	R. C. of A.
Jefferson.....	WAJ	300,600	PG	Alaska S. S. Co.....	S. O. R. S.
Jefferson County.....	KIKF	300,600	PG	U. S. S. B.....	I. W. T. Co.
Jekyl.....	KEBS	300,600	PG	do.....	Do.
Jennie R. Morse.....	KUNN	300,600	PG	do.....	Do.
J. E. O'Neil.....	KSB	300,600	PG	Atlantic Refining Co..	R. C. of A.
J. F. Penrose.....	KUQN	300,450,600	PG	National Oil Trans- port Co.	C. & W. R. C.
Jim Sid.....	KUZD	300,600	PG	Gulf Barge & Towing Co.	Do.
J. L. Luckenbach.....	KGT	300,600	PG	Luckenbach S. S. Co..	S. O. R. S.
J. M. Danziger.....	WIW	300,450,600	PG	Pan-American Petro- leum & Transport Co.	R. C. of A.
J. M. Guffey.....	KTF	300,600	PG	Gulf Refining Co.....	I. W. T. Co.
Joan of Arc.....	KETV	300,600	PG	Rolph Navigation & Coal Co.	Owner of vessel.
Johanna Smith.....	WHZ	300,600	PG	Coos Bay Lumber Co..	Do.
John Adams.....	KOSS	300,600	PG	U. S. S. B.....	R. C. of A.
John D. Rockefeller.....	KTO	300,600	PG	Standard Oil Co. of N. J.	Do.
John Ena.....	KIRS	300,600	PG	Robert Dollar Co.....	Owner of vessel.
John F. Hylan.....	KUSM	300,600	PG	City of New York, Police Department.	Do.
John Jay.....	KUXR	300,600	PG	U. S. S. B.....	I. W. T. Co.
John M. Connelly.....	KJEI	300,600	PG	do.....	Do.
John P. Reiss.....	KUTM	300,600	PG	North American S. S. Co.	R. C. of A.
John R. Gibbons.....	KURL	300,600	PG	American Bauxite Co..	Do.
John Roach.....	KOSN	300,600	PG	U. S. S. B.....	Do.
Johnson City.....	KIKD	300,600	PG	do.....	I. W. T. Co.
John W. Wells.....	KOCR	300,600	PG	Charles R. McCormick & Co.	Owner of vessel.
Jolee.....	KUVT	300,600	PG	U. S. S. B.....	Do.
Jonar.....	KUGT	300,600	PG	do.....	R. C. of A.
Jonancy.....	KSEU	300,600	PG	Pocahontas Fuel Co..	Do.
Joseph R. Parrott.....	KJP	300,450,600	PG	Florida East Coast Car Ferry Co.	Do.
Josiah Macy.....	KEX	300,450,600	PG	Standard Oil Co. of N. J.	Do.
J. R. Gordon.....	KOML	300,600	PG	Union Sulphur Co.....	S. O. R. S.
Julia Luckenbach.....	KGZ	300,450,525, 600	PG	Luckenbach S. S. Co..	Do.
Juneau.....	WAM	300,550,600	PG	Alaska S. S. Co.....	Do.
Juniata.....	KQJ	300,450,600	PG	Merchants & Miners Transpn. Co.	I. W. T. Co.
Juniata.....	WCB	300,600	PG	Great Lakes Transit Corp.	R. C. of A.
Juvigny.....	KUQX	300,600	PG	Independent S. S. Co..	Do.
J. W. Van Dyke.....	KHR	300,450,600	PG	Atlantic Refining Co..	Do.
Kaleen.....	KOKV	300,600	PG	U. S. S. B.....	Do.
Kamchatka.....	KUJG	300,450,600	PG	C. L. Hibbard.....	Do.
Kamesit.....	KEDG	300,600	PG	U. S. S. B.....	S. O. R. S.
Kanabec.....	WMII	300,600	PG	Kanabec S. S. Co.....	R. C. of A.
Kanak.....	KOT	300,400,600	PG	Alaska Packers Assn..	Owner of vessel.
Kanakee.....	WVUU	300,600	PG	U. S. S. B.....	S. O. R. S.
Kanawha.....	KYA	300,600	PG	John Borden.....	Owner of vessel.
Kangi.....	WRUA	300,600	PG	U. S. S. B.....	S. O. R. S.
Karina.....	KYR	300,600	P	France & Canada S. S. Co.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Kasota.....	KPAO	300,600	PG	U. S. S. B.....	R. C. of A.
Katherine.....	KIZK	300,450,600	PG	Philippine Vegetable Oil Co.	Do.
Katia.....	KZUA	300,600	PG	Katia S. S. Corp.....	S. O. R. S.
Katomah.....	KERD	300,600	PG	U. S. S. B.....	Do.
Katrina Luckenbach.....	KWU	300,600	PG	Luckenbach S. S. Co.....	R. C. of A.
Kaweah.....	KOKL	300,600	PG	U. S. S. B.....	I. W. T. Co.
Kayseeka.....	KOQZ	300,600	PG	do.....	S. O. R. S.
Keamy.....	KOPR	300,600	PG	do.....	I. W. T. Co.
Keheku.....	KUPV	300,450,600	PG	do.....	Do.
Kekettient.....	KZEA	300,600	PG	do.....	S. O. R. S.
Kenosha.....	KPIA	300,600	PG	do.....	R. C. of A.
Kenowis.....	KOSV	300,600	PG	do.....	Owner of vessel.
Kentuckian.....	WKE	300,600	PG	American - Hawaiian S. S. Co.	S. O. R. S.
Keota.....	WXAU	300,600	PG	U. S. S. B.....	R. C. of A.
Keressan.....	WJC	300,600	PG	Kerr Navigation Corp.	Do.
Keresaspa.....	KQI	300,600	PG	American Ship & Commerce Navigation Corp.	Do.
Kerhonkson.....	KUJF	300,600	PG	U. S. S. B.....	Do.
Kerkenna.....	WPJ	300,600	PG	Kerr Navigation Corp.	Do.
Kerlew.....	KQP	300,600	PG	do.....	Do.
Kermanshah.....	KLX	300,450,600	PG	do.....	Do.
Kernit.....	WMV	300,600	PG	U. S. S. B.....	Do.
Kermoor.....	WJB	300,600	PG	Kerr Navigation Corp.	Do.
Kerowlee.....	WGW	300,600	PG	American Ship & Commerce Navigation Corp.	Do.
Kershaw.....	KQK	300,450,600	PG	Merchants & Miners Transpn. Co.	I. W. T. Co.
Keshena.....	KITR	300,600	PG	U. S. S. B.....	S. O. R. S.
Ketchikan.....	WAE	300,600	PG	Alaska S. S. Co.....	Do.
Kewance.....	KTVK	300,600	PG	U. S. S. B.....	Do.
Kickapoo.....	KVEO	300,600	PG	do.....	Do.
Kilkenny.....	KKI	300,450,600	PG	Department of Commerce.	Owner of vessel.
K. I. Luckenbach.....	KHY	300,600	PG	Luckenbach S. S. Corp	S. O. R. S.
Kimta.....	KIFS	300,600	PG	U. S. S. B.....	I. W. T. Co.
Kineo.....	KPUI	300,600	PG	do.....	R. C. of A.
Kingfisher.....	KMAO	300,600	PG	East Coast Fisheries Co	Owner of vessel.
Kingfisher.....	KOQR	300,600	PG	Kingfisher Co.....	Do.
Kiokee.....	KITS	300,600	PG	U. S. S. B.....	S. O. R. S.
Kiowa.....	KRL	300,600	PG	Atlantic, Gulf & West Indies S. S. Lines.	R. C. of A.
Kiron.....	KITT	300,600	PG	U. S. S. B.....	S. O. R. S.
Kishacoquillas.....	KIFI	300,600	PG	do.....	R. C. of A.
Kisnop.....	KHKJ	300,600	PG	do.....	Do.
Kitchi.....	KITV	300,600	PG	do.....	S. O. R. S.
Kittigaun.....	KITG	300,600	PG	do.....	R. C. of A.
Klamath.....	WMOU	300,600	PG	do.....	Do.
Klamath.....	WSX	300,600	PG	Klamath S. S. Co.....	S. O. R. S.
Knoxville.....	KIJN	300,600	PG	U. S. S. B.....	R. C. of A.
Kokomo.....	KEJB	300,600	PG	do.....	Do.
Kolda.....	KOKX	300,600	PG	do.....	Do.
Kootenai.....	KOGF	300,450,600	PG	do.....	Do.
Kosciuszko.....	KZUE	300,600	PG	do.....	Do.
Krakow.....	WJH	300,450,600	PG	do.....	Do.
Kroonland.....	KSH	300,600	PG	International Mercantile Marine Co.	I. W. T. Co.
Kusdeca.....	WGUO	300,600	PG	U. S. S. B.....	S. O. R. S.
Kuwa.....	WCET	300,400,600	PG	do.....	I. W. T. Co.
Kvichak.....	WNS	300,400,600	PG	Alaska Packers Assn.	Owner of vessel.
Labette.....	KIZX	300,600	PG	U. S. S. B.....	S. O. R. S.
Laborer.....	KIST	300,600	PG	do.....	I. W. T. Co.
La Brea.....	WON	300,600, 1,800	PG	Union Oil Co.	F. T. Co.
Lackawanna.....	KOP	300,450,600	PG	Lackawanna S. S. Co.	R. C. of A.
Lackawanna Bridge.....	KOGC	300,600	PG	U. S. S. B.....	Do.
Lackawanna Valley.....	KIXD	300,600	PG	do.....	Do.
La Crosse.....	KONM	300,600	PG	do.....	Do.
Lafomo.....	KIXK	300,600	PG	do.....	S. O. R. S.
La Forge.....	WGAU	300,600	PG	do.....	I. W. T. Co.
Lake Agomak.....	KZEU	300,600	PG	do.....	S. O. R. S.
Lake Akkra.....	KVUE	300,600	PG	do.....	I. W. T. Co.
Lake Allen.....	KLEI	300,600	PG	do.....	R. C. of A.
Lake Alvada.....	KXAA	300,600	PG	do.....	Do.
Lake Annette.....	KKOE	300,450,600	PG	do.....	S. O. R. S.
Lake Arline.....	KZOE	300,600	PG	do.....	I. W. T. Co.
Lake Arthur.....	WFL	300,600	PG	do.....	R. C. of A.
Lake Aurice.....	KZIA	300,600	PG	do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Beacon.....	WTAA	300, 450, 600	PG	U. S. S. B.....	R. C. of A.
Lake Belmona.....	KZIH	300, 600	PG	do.	Do.
Lake Benbow.....	KVAE	300, 600	PG	do.	I. W. T. Co.
Lake Benton.....	KSIU	300, 600	PG	do.	Do.
Lake Berdan.....	KZEE	300, 600	PG	do.	Do.
Lake Blanchester.....	KTUJ	300, 600	PG	do.	S. O. R. S.
Lake Bledsoe.....	KTUE	300, 600	PG	do.	Do.
Lake Bridge.....	KBAI	300, 600	PG	do.	I. W. T. Co.
Lake Buckeye.....	WSEU	300, 600	PG	do.	R. C. of A.
Lake Butler.....	WFN	300, 600	PG	do.	I. W. T. Co.
Lake Cahoon.....	WKEE	300, 600	PG	do.	S. O. R. S.
Lake Callistoga.....	KXIU	300, 600	PG	do.	Do.
Lake Callicoon.....	WNAO	300, 450, 600	PG	do.	Do.
Lake Canaveral.....	KIDS	300, 600	PG	do.	Do.
Lake Candelaria.....	KIJB	300, 600	PG	do.	Do.
Lake Cannonsburg.....	KIMV	300, 600	PG	do.	Do.
Lake Capens.....	KLUA	300, 600	PG	do.	I. W. T. Co.
Lake Cathoon.....	WLEO	300, 600	PG	do.	R. C. of A.
Lake Catherine.....	KSHI	300, 600	PG	do.	S. O. R. S.
Lake Cayuga.....	KLUI	300, 450, 600	PG	do.	R. C. of A.
Lake Charles.....	KHW	300, 600	PG	do.	S. O. R. S.
Lake Charlotte.....	KQEO	300, 600	PG	do.	I. W. T. Co.
Lake Charlottesvile.....	WNEA	300, 600	PG	do.	R. C. of A.
Lake Chelan.....	KQUO	300, 600	PG	do.	S. O. R. S.
Lake Clear.....	KLEO	300, 600	PG	do.	Do.
Lake Como.....	KSAO	300, 600	PG	do.	Do.
Lake Conesus.....	WKAU	300, 600	PG	do.	R. C. of A.
Lake Copley.....	WAP	300, 600	PG	do.	I. W. T. Co.
Lake Crescent.....	WAP	300, 600	PG	do.	R. C. of A.
Lake Crystal.....	KLAO	300, 600	PG	do.	I. W. T. Co.
Lake Dancey.....	KZEO	300, 600	PG	do.	S. O. R. S.
Lake Daraga.....	KRIA	300, 600	PG	do.	R. C. of A.
Lake Delancey.....	KXAE	300, 450, 600	PG	do.	Do.
Lake Desha.....	WTAE	300, 600	PG	do.	S. O. R. S.
Lake Deval.....	WKEA	300, 600	PG	do.	I. W. T. Co.
Lake Duncan.....	KSOO	300, 600	PG	do.	R. C. of A.
Lake Dunmore.....	KBEI	300, 600	PG	do.	I. W. T. Co.
Lake Dymmer.....	KZEI	300, 600	PG	do.	S. O. R. S.
Lake Eckhart.....	KSOE	300, 600	PG	do.	Do.
Lake Eliko.....	KTAI	300, 600	PG	do.	Do.
Lake Elizabeth.....	WOP	300, 600	PG	do.	Do.
Lake Elkwater.....	KEPM	300, 600	PG	do.	Do.
Lake Elkwood.....	KENP	300, 600	PG	do.	Do.
Lake Ellendale.....	KEPN	300, 600	PG	do.	I. W. T. Co.
Lake Ellenorah.....	KEPP	300, 600	PG	do.	S. O. R. S.
Lake Ellerslie.....	KEQM	300, 600	PG	do.	I. W. T. Co.
Lake Ellicott.....	KEQN	300, 600	PG	do.	Do.
Lake Ellijay.....	KOBL	300, 600	PG	do.	S. O. R. S.
Lake Ellithorpe.....	KOFM	300, 600	PG	do.	I. W. T. Co.
Lake Ellsbury.....	KOFP	300, 600	PG	do.	R. C. of A.
Lake Ellsworth.....	KOCZ	300, 600	PG	do.	S. O. R. S.
Lake Elmdale.....	KOLR	300, 600	PG	do.	R. C. of A.
Lake Elmhurst.....	KOFQ	300, 600	PG	do.	Do.
Lake Elmont.....	KOQG	300, 600	PG	do.	S. O. R. S.
Lake Elmsford.....	KOVG	300, 600	PG	do.	Do.
Lake Elmwood.....	KOZT	300, 450, 600	PG	do.	Do.
Lake Elon.....	KOBZ	300, 600	PG	do.	Do.
Lake Elpueblo.....	KOFV	300, 600	PG	do.	R. C. of A.
Lake Elrio.....	KOKQ	300, 600	PG	do.	Do.
Lake Elsay.....	KOSE	300, 450, 600	PG	do.	S. O. R. S.
Lake Elsinore.....	KRII	300, 600	PG	do.	Do.
Lake Elsmere.....	KONT	300, 450, 600	PG	do.	I. W. T. Co.
Lake Elva.....	KUBR	300, 450, 600	PG	do.	Do.
Lake Elwin.....	KUDM	300, 450, 600	PG	do.	S. O. R. S.
Lake Ennis.....	KLUM	300, 600	PG	do.	R. C. of A.
Lake Fablus.....	KIPQ	300, 600	PG	do.	I. W. T. Co.
Lake Fabyan.....	KINJ	300, 600	PG	do.	Do.
Lake Fackler.....	KIQP	300, 600	PG	do.	Do.
Lake Fagundus.....	KISN	300, 600	PG	do.	S. O. R. S.
Lake Fairfax.....	KIRV	300, 600	PG	do.	I. W. T. Co.
Lake Fairlie.....	KISP	300, 600	PG	do.	Do.
Lake Fairport.....	KOGR	300, 600	PG	do.	S. O. R. S.
Lake Palama.....	KITB	300, 600	PG	do.	Do.
Lake Falun.....	KOTB	300, 600	PG	do.	Do.
Lake Fanbush.....	KEJN	300, 600	PG	do.	Do.
Lake Fandango.....	KOVL	300, 600	PG	do.	Do.
Lake Fandon.....	KOVS	300, 600	PG	do.	Do.
Lake Fannin.....	KECN	300, 600	PG	do.	I. W. T. Co.
Lake Fanquier.....	KEKN	300, 600	PG	do.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
(Continued.)

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Fansdale.....	KEKM	300,600	PG	U. S. S. B	S. O. R. S.
Lake Farabee.....	KEBP	300,600	PG	do.	R. C. of A.
Lake Farber.....	KIRB	300,600	PG	do.	S. O. R. S.
Lake Faresman.....	KEVZ	300,600	PG	do.	Do.
Lake Farge.....	WLEA	300,600	PG	do.	I. W. T. Co.
Lake Faribault.....	KEDM	300,600	PG	do.	S. O. R. S.
Lake Faristell.....	WLEE	300,600	PG	do.	I. W. T. Co.
Lake Fariston.....	KEDN	300,600	PG	do.	R. C. of A.
Lake Farley.....	KEDP	300,600	PG	do.	S. O. R. S.
Lake Farlin.....	KIGM	300,600	PG	do.	R. C. of A.
Lake Farmingdale.....	KIPZ	300,600	PG	do.	S. O. R. S.
Lake Farragut.....	KIQN	300,600	PG	do.	R. C. of A.
Lake Farrar.....	KISX	300,600	PG	do.	Do.
Lake Faulk.....	KEJP	300,600	PG	do.	Do.
Lake Favonia.....	KOJP	300,600	PG	do.	I. W. T. Co.
Lake Faxon.....	KOLJ	300,600	PG	do.	R. C. of A.
Lake Fear.....	KIVM	300,600	PG	do.	S. O. R. S.
Lake Felden.....	KOLK	300,450,600	PG	do.	R. C. of A.
Lake Fenn.....	KOTT	300,600	PG	do.	I. W. T. Co.
Lake Feodora.....	KUBT	300,600	PG	do.	Do.
Lake Fernalda.....	KOPB	300,600	PG	do.	Do.
Lake Fernando.....	KELM	300,600	PG	do.	Do.
Lake Fernwood.....	KDEA	300,600	PG	do.	S. O. R. S.
Lake Ferrona.....	KELN	300,600	PG	do.	Do.
Lake Fessenden.....	KELP	300,600	PG	do.	Do.
Lake Festinia.....	KEQP	300,600	PG	do.	R. C. of A.
Lake Festus.....	KERM	300,600	PG	do.	S. O. R. S.
Lake Fibre.....	KERN	300,600	PG	do.	I. W. T. Co.
Lake Fielding.....	KERP	300,600	PG	do.	Do.
Lake Fife.....	KESM	300,600	PG	do.	Do.
Lake Figart.....	KESN	300,600	PG	do.	R. C. of A.
Lake Fighting.....	KESP	300,600	PG	do.	S. O. R. S.
Lake Filbert.....	KONV	300,600	PG	do.	I. W. T. Co.
Lake Fillion.....	KOPV	300,600	PG	do.	S. O. R. S.
Lake Fillmore.....	KUCZ	300,600	PG	do.	Do.
Lake Fiscus.....	KOCG	300,600	PG	do.	R. C. of A.
Lake Fisher.....	KODD	300,600	PG	do.	I. W. T. Co.
Lake Fitch.....	KOJQ	300,450,600	PG	do.	Do.
Lake Fithian.....	KOKZ	300,600	PG	do.	Do.
Lake Flag.....	KUMX	300,600	PG	do.	R. C. of A.
Lake Flagon.....	KIXT	300,600	PG	do.	I. W. T. Co.
Lake Flagstaff.....	KIZM	300,600	PG	do.	Do.
Lake Flambeau.....	KIZN	300,600	PG	do.	Do.
Lake Flanders.....	KOGT	300,600	PG	do.	R. C. of A.
Lake Flatonia.....	KOGS	300,600	PG	do.	S. O. R. S.
Lake Flattery.....	KOMC	300,600	PG	do.	R. C. of A.
Lake Floravista.....	KUFC	300,600	PG	do.	Do.
Lake Florian.....	KUFD	300,600	PG	do.	Do.
Lake Floris.....	KUFF	300,600	PG	do.	Do.
Lake Flournoy.....	KUFG	300,600	PG	do.	Do.
Lake Flovilla.....	KESK	300,600	PG	do.	Do.
Lake Flume.....	KMUU	300,600	PG	do.	S. O. R. S.
Lake Flushing.....	KEBV	300,600	PG	do.	Do.
Lake Fluvanna.....	WLAU	300,600	PG	do.	I. W. T. Co.
Lake Flynnus.....	KECV	300,600	PG	do.	S. O. R. S.
Lake Folcroft.....	KEXL	300,600	PG	do.	R. C. of A.
Lake Fonda.....	KEZC	300,600	PG	do.	I. W. T. Co.
Lake Fondulac.....	WSEC	300,600	PG	do.	R. C. of A.
Lake Fontana.....	KEZD	300,600	PG	do.	I. W. T. Co.
Lake Fontanet.....	KEZF	300,600	PG	do.	R. C. of A.
Lake Forkville.....	WLEI	300,600	PG	do.	I. W. T. Co.
Lake Forney.....	WBUU	300,600	PG	do.	Do.
Lake Forsby.....	WCUA	300,600	PG	do.	R. C. of A.
Lake Fossil.....	WQUE	300,600	PG	do.	Do.
Lake Fostoria.....	WPIO	300,600	PG	do.	Do.
Lake Fouche.....	WPIU	300,600	PG	do.	I. W. T. Co.
Lake Foxboro.....	KESB	300,600	PG	do.	R. C. of A.
Lake Foxcroft.....	KEGL	300,600	PG	do.	S. O. R. S.
Lake Fraichur.....	KEJG	300,600	PG	do.	I. W. T. Co.
Lake Fraley.....	KEJJ	300,600	PG	do.	Do.
Lake Frampton.....	WGUI	300,600	PG	do.	R. C. of A.
Lake Frances.....	KTAA	300,600	PG	do.	I. W. T. Co.
Lake Francis.....	WCUO	300,600	PG	do.	R. C. of A.
Lake Fray.....	WCUU	300,600	PG	do.	S. O. R. S.
Lake Frazee.....	WDLA	300,600	PG	do.	R. C. of A.
Lake Frecks.....	KENT	300,600	PG	do.	Do.
Lake Freeborn.....	WDUI	300,600	PG	do.	S. O. R. S.
Lake Freed.....	WDUI	300,600	PG	do.	R. C. of A.
Lake Freeland.....	WDUU	300,600	PG	do.	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Freezeout.....	WFUA	300,600	PG	U. S. S. B.....	R. C. of A.
Lake Frenchton.....	WFUE	300,600	PG	do.....	Do.
Lake Fresco.....	WNAU	300,450,600	PG	do.....	Do.
Lake Friar.....	KEFN	300,600	PG	do.....	S. O. R. S.
Lake Frio.....	KEFP	300,600	PG	do.....	I. W. T. Co.
Lake Frohna.....	KEGR	300,450,600	PG	do.....	S. O. R. S.
Lake Frolono.....	KEGN	300,600	PG	do.....	I. W. T. Co.
Lake Frugality.....	KEGP	300,600	PG	do.....	R. C. of A.
Lake Frumet.....	KIRJ	300,600	PG	do.....	Do.
Lake Fugard.....	WLEU	300,450,600	PG	do.....	I. W. T. Co.
Lake Furlay.....	WMAA	300,600	PG	do.....	Do.
Lake Furlough.....	KEKP	300,600	PG	do.....	R. C. of A.
Lake Furnas.....	KUTV	300,600	PG	do.....	Do.
Lake Gadsden.....	KITP	300,600	PG	do.....	Do.
Lake Gaither.....	KOJZ	300,600	PG	do.....	I. W. T. Co.
Lake Gakona.....	KVOU	300,600	PG	do.....	S. O. R. S.
Lake Galata.....	KOJJ	300,600	PG	do.....	R. C. of A.
Lake Galera.....	KXAI	300,600	PG	do.....	S. O. R. S.
Lake Galewood.....	KOJX	300,600	PG	do.....	Do.
Lake Gallen.....	KOJT	300,450,600	PG	do.....	Do.
Lake Galisteo.....	KUGL	300,600	PG	do.....	Do.
Lake Ganado.....	KUMB	300,600	PG	do.....	Do.
Lake Gardner.....	KXEO	300,600	PG	do.....	R. C. of A.
Lake Garza.....	KVOE	300,600	PG	do.....	I. W. T. Co.
Lake Gaspar.....	KVOI	300,450,600	PG	do.....	R. C. of A.
Lake Gazette.....	KIPN	300,600	PG	do.....	Do.
Lake Gebhart.....	KOGV	300,450,600	PG	do.....	Do.
Lake Gedney.....	KVUO	300,600	PG	do.....	S. O. R. S.
Lake Geneva.....	KXUA	300,600	PG	do.....	R. C. of A.
Lake George.....	KBEO	300,600	PG	do.....	I. W. T. Co.
Lake Gera.....	KOKS	300,600	PG	do.....	R. C. of A.
Lake Gert.....	KOMB	300,600	PG	do.....	Do.
Lake Getaway.....	KOLZ	300,600	PG	do.....	Do.
Lake Geyser.....	KULD	300,600	PG	do.....	Do.
Lake Giddings.....	KUCR	300,600	PG	do.....	Do.
Lake Gilboa.....	KEZJ	300,600	PG	do.....	I. W. T. Co.
Lake Gilpen.....	KEZK	300,600	PG	do.....	R. C. of A.
Lake Gilta.....	KEZL	300,600	PG	do.....	Do.
Lake Giltedge.....	KEBM	300,600	PG	do.....	S. O. R. S.
Lake Girardeau.....	KOCS	300,600	PG	do.....	I. W. T. Co.
Lake Girth.....	KEBN	300,600	PG	do.....	Do.
Lake Gitano.....	KECM	300,600	PG	do.....	S. O. R. S.
Lake Glasco.....	KINK	300,600	PG	do.....	Do.
Lake Glaucus.....	KUMV	300,600	PG	do.....	R. C. of A.
Lake Glebe.....	KIBB	300,600	PG	do.....	S. O. R. S.
Lake Glencoe.....	KIGB	300,600	PG	do.....	I. W. T. Co.
Lake Gorin.....	WRIE	300,600	PG	do.....	Do.
Lake Gormanian.....	WVIA	300,600	PG	do.....	Do.
Lake Govan.....	WVUW	300,600	PG	do.....	Do.
Lake Gradan.....	WSUU	300,600	PG	do.....	S. O. R. S.
Lake Grainger.....	KEJK	300,600	PG	do.....	R. C. of A.
Lake Grama.....	KEJL	300,450,600	PG	do.....	Do.
Lake Grampian.....	KEKG	300,600	PG	do.....	Do.
Lake Grampus.....	KEKJ	300,600	PG	do.....	I. W. T. Co.
Lake Granby.....	KIDB	300,600	PG	do.....	Do.
Lake Grandon.....	WLAI	300,600	PG	do.....	Do.
Lake Graphite.....	WZOA	300,600	PG	do.....	Do.
Lake Gratis.....	WZOE	300,600	PG	do.....	R. C. of A.
Lake Grattan.....	WZOI	300,600	PG	do.....	I. W. T. Co.
Lake Gravella.....	WZOO	300,600	PG	do.....	S. O. R. S.
Lake Gravett.....	WZOU	300,600	PG	do.....	R. C. of A.
Lake Gravity.....	WBUA	300,600	PG	do.....	Do.
Lake Greenbrier.....	WBUE	300,600	PG	do.....	S. O. R. S.
Lake Greenwood.....	KTOI	300,600	PG	do.....	Do.
Lake Gretna.....	WBUI	300,600	PG	do.....	R. C. of A.
Lake Grogan.....	WBUO	300,600	PG	do.....	S. O. R. S.
Lake Gunni.....	KUNC	300,600	PG	do.....	R. C. of A.
Lake Haresti.....	KUNG	300,600	PG	do.....	Do.
Lake Harminia.....	KUNB	300,600	PG	do.....	Do.
Lake Harney.....	KGOE	300,600	PG	International Coal Transportation Corp.	Do.
Lake Harris.....	KXAU	300,600	PG	U. S. S. B.....	I. W. T. Co.
Lake Hector.....	KUMZ	300,600	PG	do.....	Do.
Lake Helen.....	KZOI	300,600	PG	do.....	R. C. of A.
Lake Hemlock.....	KLOE	300,600	PG	do.....	S. O. R. S.
Lake Hewes.....	KVUU	300,600	PG	do.....	Do.
Lakehurst.....	KLOI	300,600	PG	do.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Ikatan.....	KUCM	300,600	PG	U. S. S. B.....	
Lake Inaha.....	KEFM	300,600	PG	do.....	R. C. of A.
Lake Indian.....	KZOO	300,600	PG	do.....	S. O. R. S.
Lake Inglenook.....	KOBT	300,600	PG	do.....	
Lake Janet.....	KFD	300,600	PG	do.....	Do.
Lake Jessup.....	KHV	300,600	PG	International Coal Transportation Corp.	
Lake Kyttille.....	WCOU	300,600	PG	U. S. S. B.....	Do.
Lakeland.....	KBOU	300,600	PG	do.....	R. C. of A.
Lakeland.....	WDL	300,600	PG	Tri-State S. S. Co.....	Do.
Lake Larga.....	KMUE	300,600	PG	U. S. S. B.....	S. O. R. S.
Lake Lasang.....	KMUA	300,600	PG	do.....	R. C. of A.
Lake Ledan.....	KTUA	300,600	PG	do.....	S. O. R. S.
Lake Lemando.....	WCIO	300,600	PG	do.....	I. W. T. Co.
Lake Lesa.....	KXOU	300,600	PG	do.....	S. O. R. S.
Lake Licoco.....	WTAO	300,600	PG	do.....	Do.
Lake Lida.....	KLOO	300,600	PG	do.....	R. C. of A.
Lake Lillicusun.....	KZIO	300,600	PG	do.....	S. O. R. S.
Lake Lillian.....	KXUI	300,600	PG	International Coal Transportation Corp.	
Lake Linden.....	KZAE	300,600	PG	U. S. S. B.....	R. C. of A.
Lake Louise.....	KZUU	300,600	PG	do.....	Do.
Lake Marion.....	KXEE	300,600	PG	do.....	Do.
Lake Markham.....	KTOU	300,600	PG	do.....	Do.
Lake Mary.....	KREO	300,600	PG	do.....	Do.
Lake Mattato.....	WTAI	300,600	PG	do.....	I. W. T. Co.
Lake Maurepas.....	KLEA	300,600	PG	do.....	R. C. of A.
Lake Medford.....	KZOA	300,450,600	PG	do.....	Do.
Lake Monroe.....	KTOE	300,600	PG	do.....	I. W. T. Co.
Lake Narka.....	KTOA	300,600	PG	do.....	R. C. of A.
Lake Ogden.....	KHU	300,600	PG	do.....	I. W. T. Co.
Lake Onawa.....	KOJM	300,600	PG	do.....	Do.
Lake Ontario.....	KBAA	300,600	PG	do.....	R. C. of A.
Lake Orange.....	KZOU	300,600	PG	do.....	Do.
Lake Ormoc.....	KVUA	300,600	PG	do.....	I. W. T. Co.
Lake Osweya.....	KVAA	300,450,600	PG	do.....	Do.
Lake Otisco.....	KLIA	300,600	PG	International Coal Transportation Corp.	
Lake Otsubago.....	KXAO	300,600	PG	U. S. S. B.....	R. C. of A.
Lake Pachuta.....	KTUU	300,600	PG	do.....	S. O. R. S.
Lake Pearl.....	KVIO	300,600	PG	do.....	Do.
Lake Pepin.....	KTUI	300,600	PG	do.....	R. C. of A.
Lake Powaukeew.....	KLEU	300,600	PG	do.....	Do.
Lake Pickaway.....	WKAO	300,600	PG	do.....	Do.
Lake Pleasant.....	KXEA	300,600	PG	do.....	I. W. T. Co.
Lake Rushville.....	KUDS	300,600	PG	do.....	S. O. R. S.
Lake Saba.....	KOS	300,600	PG	do.....	I. W. T. Co.
Lake Sanford.....	KXEI	300,600	PG	do.....	R. C. of A.
Lake Sapor.....	KEZB	300,600	PG	do.....	Do.
Lake Savus.....	KOCB	300,600	PG	do.....	I. W. T. Co.
Lake Sebago.....	KLUE	300,600	PG	do.....	R. C. of A.
Lake Shawano.....	KLOU	300,600	PG	do.....	I. W. T. Co.
Lakeshore.....	KBAU	300,600	PG	do.....	R. C. of A.
Lakeside Bridge.....	KONF	300,600	PG	do.....	I. W. T. Co.
Lake Silver.....	KHE	300,600	PG	do.....	Do.
Lake Singara.....	KITQ	300,600	PG	do.....	S. O. R. S.
Lake Slavi.....	KOTJ	300,600	PG	do.....	
Lake St. Clair.....	WNL	300,600	PG	do.....	Do.
Lake Stirling.....	KBUE	300,600	PG	do.....	R. C. of A.
Lake Strabo.....	KEBR	300,600	PG	do.....	S. O. R. S.
Lake St. Regis.....	KLEE	300,600	PG	do.....	Do.
Lake Strymon.....	KONS	300,600	PG	do.....	R. C. of A.
Lake Sunapee.....	KLIU	300,600	PG	do.....	Do.
Lake Superior.....	KBAO	300,600	PG	do.....	S. O. R. S.
Lake Tippah.....	KOVC	300,600	PG	do.....	
Lake Traverse.....	KBUA	300,600	PG	do.....	I. W. T. Co.
Lake Treba.....	KOSQ	300,600	PG	do.....	Do.
Lake Tulare.....	WDX	300,600	PG	International Coal Transportation Corp.	
Lakeview.....	KBEE	300,600	PG	U. S. S. B.....	Do.
Lakeville.....	KXEU	300,600	PG	do.....	R. C. of A.
Lake Washburn.....	KREI	300,600	PG	do.....	I. W. T. Co.
Lake Weir.....	KBEA	300,600	PG	do.....	S. O. R. S.
Lake Wilson.....	KZAO	300,600	PG	do.....	
Lake Winico.....	KSOI	300,450,600	PG	do.....	R. C. of A.
Lake Winona.....	KLAU	300,600	PG	do.....	I. W. T. Co.
Lake Winooski.....	KZIE	300,600	PG	do.....	R. C. of A.
Lake Winthrop.....	KZAI	300,600	PG	do.....	S. O. R. S.
Lakewood.....	KBOO	300,600	PG	do.....	R. C. of A.
Lake Yahara.....	KZAU	300,450,600	PG	do.....	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Yelverton.....	KVOO	300, 600	PG	U. S. S. B.....	R. C. of A.
Lake Yemassee.....	KTOO	300, 600	PG	do.....	I. W. T. Co.
Lake Ypsilanti.....	WKEI	300, 600	PG	do.....	Do.
Lake Zalsiski.....	WKAI	300, 600	PG	do.....	Do.
Lampasas.....	KEP	300, 450, 600	PG	Mallory S. S. Co.....	Do.
Lancaster.....	KQUE	300, 600	PG	Imperial Shipping Corp.	R. C. of A.
Lansdowne.....	KONP	300, 600	PG	U. S. S. B.....	Do.
Lansing.....	WTC	300, 600, 1800	PG	Union S. S. Co.....	F. T. Co.
Laramie.....	KUBC	300, 600	PG	U. S. S. B.....	S. O. R. S.
Las Vegas.....	KUQM	300, 450, 600	PG	do.....	R. C. of A.
Latham.....	KUKR	300, 450, 600	PG	do.....	Do.
Latoka.....	WLUA	300, 600	PG	do.....	S. O. R. S.
Latouche.....	WAI	300, 600	PG	Alaska S. S. Co.....	Do.
Laurel.....	WTUE	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Lebanon.....	KIXL	300, 600	PG	do.....	Do.
Lehigh.....	KINM	300, 600	PG	do.....	S. O. R. S.
Lenape.....	KVL	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.
Levi G. Burgess.....	WOX	300, 600	PG	Alaska Portland Packers Assn.	Owner of vessel.
Levisa.....	KDL	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Lewis K. Thurlow.....	KXY	300, 450, 600	PG	Crowell & Thurlow S. S. Co.	Owner of vessel.
Lewis Luckenbach.....	WFOE	300, 600	PG	Luckenbach S. S. Co..	S. O. R. S.
Lewiston.....	WSOU	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Lexington.....	KNB	300, 550, 600	PG	Colonial Navigation Co.	I. R. T. Co.
Libby Maine.....	KDV	300, 450, 535, 600	PG	Libby, McNeil & Libby.	S. O. R. S.
Liberator.....	KRIU	300, 600	PG	U. S. S. B.....	Do.
Liberty.....	WCOO	300, 600	PG	do.....	Do.
Liberty Bell.....	KUJX	300, 600	PG	do.....	I. W. T. Co.
Liberty Land.....	KISS	300, 600	PG	do.....	Do.
Liberty Minquas.....	KUBJ	300, 450, 600	PG	do.....	S. O. R. S.
Lightburne.....	KIVF	300, 600	PG	do.....	I. W. T. Co.
Ligonier.....	KTD	300, 600	PG	Gulf Refining Co.....	R. C. of A.
Limon.....	KDR	300, 450, 600	PG	United Fruit Co.....	T. R. T. Co.
Lithopolis.....	WQEA	300, 600	PG	U. S. S. B.....	I. W. T. Co.
L. J. Drake.....	WZAA	300, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Lockport.....	KIXM	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Lone Star.....	KZUO	300, 600	PG	do.....	R. C. of A.
Lonoke.....	KPOI	300, 600	PG	do.....	I. W. T. Co.
Loon.....	KUGJ	300, 450, 600	PG	East Coast Fisheries Co.	Owner of vessel.
Lorain.....	KIFZ	300, 600	PG	U. S. S. B.....	R. C. of A.
Lordship Manor.....	KIXN	300, 600	PG	do.....	Do.
Loretta.....	KUXF	300, 450, 600	PG	do.....	Do.
Los Angeles.....	WOL	300, 600, 1, 800	PG	Union Oil Co.....	F. T. Co.
Louise.....	KUKN	300, 600	PG	E. D. Burge.....	Owner of vessel.
Louisiana.....	KUL	300, 450, 600	PG	Texas Co.....	I. W. T. Co.
Louisville Bridge.....	KUDF	300, 600	PG	U. S. S. B.....	Do.
Luella.....	KLAA	300, 600	PG	do.....	Do.
Lurline.....	WML	300, 450, 600	PG	Matson Navigation Co.	R. C. of A.
Luxpalile.....	KIPV	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Lyeoming.....	KOMK	300, 600	PG	do.....	R. C. of A.
Lydia.....	WROI	300, 600	PG	Lydia S. S. Co.....	Do.
Lyman Stewart.....	WTL	300, 600, 1, 800	PG	Union Oil Co.....	F. T. Co.
Lyndonia.....	KULZ	300, 600	PG	C. H. K. Curtis.....	R. C. of A.
M. A. Bradley.....	WQH	300, 600	PG	Harvey H. Brown & Co.	Do.
Macomet.....	KORC	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Maddequet.....	KUGZ	300, 600	PG	do.....	R. C. of A.
Madison.....	KOG	300, 450, 600	PG	Old Dominion S. S. Co.	S. O. R. S.
Magmeric.....	KOJS	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Magunkook.....	WJUG	300, 600	PG	do.....	R. C. of A.
Mahanna.....	KKP	300, 600	PG	do.....	Do.
Mahaska.....	WFAU	300, 600	PG	do.....	Do.
Mahnet.....	KFM	300, 600	PG	do.....	Do.
Maiden Creek.....	KIPX	300, 600	PG	do.....	Do.
Maine.....	KUQ	300, 450, 600	PG	do.....	Do.
Maitland No. 1.....	WLE	300, 600	PG	Toronto, Hamilton & Buffalo Navigation Co.	Do.
Major Wheeler.....	WFII	300, 600	PG	U. S. S. B.....	S. O. R. S.
Makanda.....	KPUA	300, 600	PG	do.....	Do.
Malden.....	KZV	300, 450, 600	PG	New England Fuel & Transportation Co.	R. C. of A.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS— Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Manada.....	KNOA	300,600	PG	U. S. S. B.....	S. O. R. S.
Manatee.....	KURN	300,600	PG	do.....	do.....
Manchuria.....	WWE	300,600	PG	Atlantic Transport Co.	I. W. T. Co.
Mangore.....	KHP	300,450,600	PG	Ore S. S. Corp.	R. C. of A.
Manham.....	KORS	300,600	PG	U. S. S. B.....	I. W. T. Co.
Manitou.....	WFW	300,600	PG	Northern Michigan Transportation Co.	R. C. of A.
Manitowoc.....	KRQ	300,450,525,600	PG	American Transatlantic Co.	S. O. R. S.
Mannahocking.....	KEZX	300,600	PG	U. S. S. B.....	I. W. T. Co.
Manoa.....	WMQ	300,450,600	PG	Matson Navigation Co.	R. C. of A.
Manoa.....	KOQ	300,600	PG	American Interlake Co.	Do.
Manuel Rionda.....	KUXX	300,600	PG	Sinclair Navigation Co.	Do.
Maquan.....	KOVD	300,450,600	PG	U. S. S. B.....	Do.
Maracaibo.....	KDM	300,450,600	PG	Atlantic & Caribbean Steam Navigation Co.	Do.
Maratanza.....	WCEI	300,600	PG	U. S. S. B.....	S. O. R. S.
Margaret.....	KUQS	300,600	PG	Red Salmon Canning Co.	do.....
Margaret.....	KZO	300,600	PG	A. H. Bull S. S. Co.	I. W. T. Co.
Margaret.....	WRQ	300,450,525,600	PG	Margaret Ship Co. (Inc.).	Owner of vessel.
Margus.....	KONG	300,600	PG	U. S. S. B.....	R. C. of A.
Mariana.....	WWZ	300,450,600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Marica.....	KNK	300,600	PG	U. S. S. B.....	S. O. R. S.
Marina.....	KIVD	300,450,600	PG	Bull-Insular S. S. Co.	R. C. of A.
Mariners Harbor.....	KKEU	300,600	PG	U. S. S. B.....	Do.
Marquette & Bessemer No. 1.....	WEW	300,425,540,600	PR	Marquette & Bessemer Dock & Navigation Co.	Owner of vessel.
Marquette & Bessemer No. 2.....	WEX	300,425,540,600	PR	do.....	Do.
Marshfield.....	KECC	300,600	PG	U. S. S. B.....	R. C. of A.
Marsodak.....	KOCM	300,600	PG	do.....	S. O. R. S.
Martha Washington.....	KUQF	300,600	PG	do.....	Do.
Maruba.....	WZEE	300,600	PG	Inter-Coast S. S. Co.	I. W. T. Co.
Maryanne.....	KFL	300,600	PG	Maryanne Shipping Co.	S. O. R. S.
Masca.....	KIBL	300,600	PG	U. S. S. B.....	I. W. T. Co.
Mascotte.....	KOW	300,600	PG	Peninsular & Occidental Steamship Co.	R. C. of A.
Mason City.....	KUGX	300,600	PG	U. S. S. B.....	S. O. R. S.
Massick.....	KOPF	300,600	PG	do.....	Do.
Massillon Bridge.....	KONJ	300,600	PG	do.....	I. W. T. Co.
Masuda.....	KMIH	300,600	PG	do.....	S. O. R. S.
Matanzas.....	WFEU	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Matinicoek.....	KID	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Matoa.....	KMJ	300,600	PG	Warren Transportation Co.	Do.
Matsonia.....	WMP	300,450,600	PG	Matson Navigation Co.	Do.
Mattapan.....	WCEO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Mattole.....	KUSV	300,600	PG	do.....	do.....
Mauban.....	KRAE	300,600	PG	Compania de Tabocas del Fillipinas.	do.....
Mauli.....	WMR	300,450,600	PG	Matson Navigation Co.	R. C. of A.
Mazama.....	KNUO	300,600	PG	Mazama S. S. Co.	I. W. T. Co.
Mazatlan.....	KUBQ	300,600	PG	California-Mexican S. S. Co.	Owner of vessel.
McClellan.....	KYF	300,600	PG	U. S. S. B.....	do.....
McCreary County.....	KOQP	300,600	PG	do.....	I. W. T. Co.
McKeesport.....	KEXB	300,600	PG	do.....	Do.
Medford.....	WRUE	300,600	PG	do.....	S. O. R. S.
Medina.....	KEI	300,450,600	PG	Mallory S. S. Co.	I. W. T. Co.
Medrie.....	KURQ	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Mehanno.....	KUDJ	300,600	PG	U. S. S. B.....	R. C. of A.
Melrose.....	KZW	300,600	PG	New England Fuel & Transportation Co.	Do.
Mendora.....	KIKN	300,378,600	PG	U. S. S. B.....	I. W. T. Co.
Menominee.....	KODL	300,600	PG	do.....	do.....
Mercer.....	KEPF	300,600	PG	do.....	R. C. of A.
Mercer Victory.....	KIVG	300,600	PG	do.....	I. W. T. Co.
Meriden.....	KILP	300,476,600	PG	General S. S. Corp.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Merrimack.....	KQM	300,450,600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Merry Mount.....	KOGX	300,600	PG	U. S. S. B.....	S. O. R. S.
Metapan.....	KLF	300,600	PG	United Fruit Co.	T. R. T. Co.
Mexican.....	WKL	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Mexicano.....	KGM	300,450,600	PG	Pierce Oil Corp.....	R. C. of A.
Mexico.....	KWX	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Mexoil.....	WQIA	300,600	PG	Pan-American Pet. & Transport Co.	R. C. of A.
Miami.....	KOZ	300,600	PG	Peninsular & Occidental S. S. Co.	Do.
Middlebury.....	KZAA	300,600	PG	U. S. S. B.....	I. W. T. Co.
Middlesex.....	WRO	300,600	PG	Coastwise Transportation Co.	R. C. of A.
Miller County.....	KERX	300,600	PG	U. S. S. B.....	Do.
Millinocket.....	KNM	300,600	PG	A. H. Bull S. S. Co.	I. W. T. Co.
Milwaukee.....	KEXS	300,600	PG	Grand Trunk Car Ferry Line.	R. C. of A.
Milwaukee Bridge.....	KIBF	300,450,600	PG	U. S. S. B.....	Do.
Mincola.....	KSEE	300,600	PG	Grace S. S. Co.....	Do.
Minnequa.....	KIVB	300,600	PG	U. S. S. B.....	I. W. T. Co.
Minnesota.....	WMI	300,450,600	PG	Atlantic Transport Co.	Do.
Minnesota.....	WEK	300,600	PG	U. S. S. B.....	R. C. of A.
Minnesotan.....	WKM	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Minnewawa.....	KOPG	300,600	PG	U. S. S. B.....	R. C. of A.
Minooka.....	KOZN	300,450,600	PG	do.....	Do.
Miskianza.....	KOZM	300,600	PG	do.....	Do.
Missouri.....	WFX	300,600	PG	Northern Michigan Transportation Co.	Do.
Mitchell.....	KOTF	300,600	PG	U. S. S. B.....	Do.
M. J. Scanlon.....	WJAO	300,450,600	PG	do.....	S. O. R. S.
M. Mitchell Davis.....	KDAG	300,450,600	PR	C. E. Davis Packing Co.	Owner of vessel.
Moccasin.....	WJD	300,600	PG	U. S. S. B.....	R. C. of A.
Mohawk.....	KYU	300,600	P	Ralph E. Barry.....	Owner of vessel.
Mohawk.....	KVM	300,450,600	PG	Clyde S. S. Co.....	I. W. T. Co.
Mohawk.....	KXE	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Mohegan.....	KXM	300,550,600	PG	do.....	Do.
Mohinkis.....	KUKP	300,450,600	PG	U. S. S. B.....	I. W. T. Co.
Mojava.....	WJEA	300,600	PG	do.....	S. O. R. S.
Moldegaard.....	KNR	300,600	PG	Bull Insular S. S. Co.	R. C. of A.
Moline.....	KEXN	300,600	PG	U. S. S. B.....	I. W. T. Co.
Momus.....	KKM	300,450,600	PG	Southern Pacific Co.	R. C. of A.
Monana.....	KFEQ	300,600	PG	U. S. S. B.....	S. O. R. S.
Monasses.....	KILX	300,600	PG	do.....	I. W. T. Co.
Mongolia.....	WVN	300,600	PG	Atlantic Transport Co.	Do.
Monmouth.....	WXUO	300,600	PG	U. S. S. B.....	Do.
Mono.....	WBOA	300,450,600	PG	do.....	S. O. R. S.
Monemac.....	KORP	300,600	PG	do.....	I. W. T. Co.
Monroe.....	KOSF	300,600	PG	do.....	Do.
Montague.....	KOMV	300,600	PG	do.....	Do.
Montana.....	KOJF	300,600	PG	American Transportation Co.	Do.
Montclair.....	KVII	300,600	PG	U. S. S. B.....	Do.
Monterey.....	KWY	300,450,600	PG	New York & Cuba Mail S. S. Co.	Do.
Montezuma.....	KSUU	300,600	PG	U. S. S. B.....	Do.
Montfaucon.....	KUQZ	300,600	PG	Independent S. S. Co.	Do.
Montgomery.....	KIJP	300,600	PG	do.....	S. O. R. S.
Monticello.....	WLJ	300,600	PG	do.....	R. C. of A.
Montoso.....	WKY	300,450,600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Montpelier.....	WLZ	300,600	PG	U. S. S. B.....	S. O. R. S.
Montrolite.....	WEQ	300,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Moonlite.....	KPL	300,450,600	PG	do.....	Do.
Moosabee.....	KIKP	300,600	PG	U. S. S. B.....	S. O. R. S.
Mooschausie.....	KOGD	300,600	PG	do.....	I. W. T. Co.
Moositaunke.....	KOKG	300,600	PG	do.....	Do.
Mopang.....	KOPX	300,600	PG	do.....	Do.
Moraine.....	KPEU	300,600	PG	do.....	Do.
Moravia Bridge.....	KOZG	300,600	PG	do.....	S. O. R. S.
Morganza.....	KEGB	300,600	PG	do.....	I. W. T. Co.
Moritz.....	KPEI	300,600	PG	do.....	S. O. R. S.
Morristown.....	WGAI	300,600	PG	do.....	Do.
Morro Castle.....	KWC	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Moshico.....	KOBX	300, 600	PG	U. S. S. B.....	R. C. of A.
Moss Point.....	KETJ	300, 600	PG	do.....	S. O. R. S.
Mount Baker.....	KYD	300, 600	PG	Gaston, Williams & Wigmore S. S. Corp.	R. C. of A.
Mount Evans.....	KIMT	300, 600	PG	U. S. S. B.....	S. O. R. S.
Mount Hope.....	KOL	300, 600	P	Providence, Fall River & Newport Steamboat Co.	Owner of vessel.
Mount Rainier.....	WSOE	300, 600	PG	Gaston, Williams & Wigmore.	R. C. of A.
Mount Shasta.....	WHH	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Mt. Vernon Bridge.....	KWA	300, 600	PG	do.....	Do.
Mulpua.....	KIDJ	300, 600	PG	do.....	S. O. R. S.
Multnomah.....	WMA	300, 600	PG	Multnomah S. S. Co.	R. C. of A.
Manaires.....	WJN	300, 600	PG	Munson S. S. Lines.	Do.
Munabro.....	KUX	300, 600	PG	do.....	Do.
Munamar.....	KUI	300, 600	PG	do.....	Do.
Mundale.....	KUJ	300, 450, 600	PG	do.....	Do.
Mundelta.....	KUF	300, 600	PG	do.....	Do.
Munindies.....	KVE	300, 600	PG	do.....	Do.
Munplace.....	KUG	300, 450, 600	PG	do.....	Do.
Munra.....	WDAA	300, 378, 600	PG	U. S. S. B.....	S. O. R. S.
Munrio.....	KVD	300, 600	PG	Munson S. S. Co.	R. C. of A.
Munsomo.....	KUK	300, 450, 600	PG	do.....	Do.
Munwood.....	KUH	300, 600	PG	do.....	Do.
Muscatine.....	KJH	300, 600	PG	U. S. S. B.....	S. O. R. S.
Musketo.....	WDAE	300, 600	PG	do.....	R. C. of A.
Muskogee.....	KIB	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Mystery.....	KYZ	300, 600	PG	Lucy Work Hewitt.	
Mystic.....	KHZ	300, 600	PG	Shawmut S. S. Co.	I. W. T. Co.
N. & K. No. 2.....	KDAJ	300, 600	PG	Fish Cannery Co.	Owner of vessel.
Nacogdoches.....	KKIU	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Nacooche.....	KFP	300, 450, 600	PG	Ocean S. S. Co.	R. C. of A.
Naiwa.....	WCU	300, 450, 600	PG	U. S. S. B.....	Do.
Nameaug.....	KITN	300, 600	PG	do.....	I. W. T. Co.
Nameoki.....	WFAA	300, 600	PG	do.....	Do.
Nanking.....	KKEE	300, 450, 600	PG	China Mail S. S. Co.	R. C. of A.
Nansemond.....	WQR	300, 450, 600	PG	U. S. S. B.....	
Nanshon.....	KUTL	300, 600	PG	do.....	
Nantahala.....	WGIE	300, 600	PG	do.....	I. W. T. Co.
Nantasket.....	WLIO	300, 600	PG	do.....	Do.
Nantucket.....	KQN	300, 450, 600	PG	Merchants & Miners Transportation Co.	Do.
Nashotah.....	WBOU	300, 600	PG	U. S. S. B.....	Do.
National Bridge.....	KIBG	300, 450, 600	PG	do.....	S. O. R. S.
Naugus.....	KUPS	300, 450, 600	PG	do.....	R. C. of A.
Navahoe.....	KOR	300, 450, 600	PG	Trans-Oceanic Shipping Co.	Do.
Nawitka.....	KELZ	300, 600	PG	U. S. S. B.....	Do.
Neabco.....	KEKV	300, 450, 600	PG	Nacirema S. S. Corp.	Do.
Nedmac.....	KIQM	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Neolah.....	WLOA	300, 600	PG	do.....	S. O. R. S.
Nehalem.....	KEBC	300, 450, 600	PG	Pacific Mercantile Marine Co.	R. C. of A.
Nelson.....	KNL	300, 450, 600	PG	Cuba Distilling Co.	Do.
Nemaha.....	KUSR	300, 600	PG	U. S. S. B.....	
Nemassa.....	KEQL	300, 600	PG	do.....	I. W. T. Co.
Neponset.....	WQIO	300, 600	PG	do.....	
Neptune.....	KORZ	300, 450, 600	PG	Mexican Fruit & S. S. Co.	W. S. Co.
Neptune.....	KUN	300, 600	PG	U. S. S. B.....	
Nesco.....	KEBT	300, 600	PG	do.....	S. O. R. S.
Neshaminy.....	KILN	300, 600	PG	do.....	I. W. T. Co.
Neshobee.....	KUNK	300, 450, 600	PG	do.....	Do.
Neuse.....	WLT	300, 450, 600	PG	do.....	R. C. of A.
New Britain.....	KIRG	300, 600	PG	Great Northwestern Shipping Corp.	Do.
Newburgh.....	WZUE	300, 600	PG	U. S. S. B.....	S. O. R. S.
New England.....	KUCB	300, 600	PG	do.....	I. W. T. Co.
New Hampshire.....	KXF	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
New Haven.....	KXN	300, 550, 600	PG	do.....	Do.
Newport.....	WWH	300, 600	PG	Pacific Mail S. S. Co.	F. T. Co.
Newton.....	KZX	300, 450, 600	PG	New England Fuel & Tr. Co.	R. C. of A.
Newton.....	KIRC	300, 600	PG	U. S. S. B.....	I. W. T. Co.
New Windsor.....	KGAE	300, 600	PG	do.....	R. C. of A.
New York.....	KSN	300, 600	PG	International Mercantile Marine Co.	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
New York.....	KUW	300, 450, 600	PG	Texas Co.....	I. W. T. Co.
Nika.....	KOPM	300, 600	PG	Hodge Ship Co.....	Do.
Nile.....	KOSD	300, 600	PG	U. S. S. B.....	Do.
Nipman.....	KOQX	300, 600	PG	do.....	Do.
Nipsic.....	KCOE	300, 600	PG	do.....	S. O. R. S.
Nishmaha.....	KEVM	300, 600	PG	do.....	I. W. T. Co.
Nobles.....	KODB	300, 600	PG	do.....	S. O. R. S.
Noccalula.....	KORF	300, 600	PG	do.....	I. W. T. Co.
Nockum.....	KOGJ	300, 600	PG	do.....	S. O. R. S.
Noddle Island.....	KUKK	300, 600	PG	do.....	Do.
Nokatay.....	KOCF	300, 600	PG	do.....	R. C. of A.
Noma.....	KYO	300, 600	PG	Vincent Astor.....	U. S. S. B.
Nonantum.....	KIXP	300, 600	PG	Coastwise Transportation Co.....	S. O. R. S.
Norfolk.....	WZUA	300, 600	PG	Garland S. S. Corp.....	R. C. of A.
Norlina.....	KJE	300, 600	PG	U. S. S. B.....	Do.
Norma.....	KEKC	300, 450, 600	PG	Pan-American Pet. & Tr. Co.....	S. O. R. S.
Norman Bridge.....	WIG	300, 450, 600	PG	Chicago, Duluth & Georgian Bay S. S. Co.....	R. C. of A.
North American.....	WEN	300, 600	PG	do.....	Do.
Northbend.....	WPB	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Northern Star.....	KOKC	300, 600	PG	do.....	R. C. of A.
North Land.....	KJD	300, 600	PG	Eastern S. S. Lines.....	Do.
Northland.....	WGJ	300, 450, 600	PG	Albers Bros. Milling Co.....	S. O. R. S.
North Pines.....	WZEU	300, 600	PG	North Pines S. S. Co.....	R. C. of A.
North Pole.....	KELB	300, 600	PG	U. S. S. B.....	S. O. R. S.
Northwestern.....	WAN	300, 600	PG	Alaska S. S. Co.....	Do.
Northwestern.....	KUO	300, 450, 600	PG	Texas Co.....	Owner of vessel.
Northwestern Bridge.....	KONK	300, 600	PG	U. S. S. B.....	R. C. of A.
North Wind.....	KYB	300, 600	P	Charles M. Clark.....	Owner of vessel.
Norumbega.....	KOZX	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Norwood.....	WSG	300, 450, 600 625	PG	Pacific American Fisheries.....	S. O. R. S.
Nueces.....	KEH	300, 600	PG	Mallory S. S. Co.....	R. C. of A.
Nupolela.....	WLOE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Nushagak.....	WNE	300, 400, 600	PG	Alaska Packers Assn.....	Owner of vessel.
Nuuanu.....	WWT	300, 600	PG	General Petroleum Corp.....	R. C. of A.
Nyanza.....	WJO	300, 600	PG	U. S. S. B.....	I. W. T. Co.
O. A. Hermanson.....	WRA	300, 600	PG	Southern Oil & Transport Corp.....	Do.
Oakland.....	KMOO	300, 600	PG	U. S. S. B.....	R. C. of A.
Oakley C. Curtis.....	KQL	300, 450, 600	PG	France & Canada S. S. Corp.....	Do.
Obak.....	KELV	300, 600	PG	U. S. S. B.....	S. O. R. S.
Occidental.....	KUSJ	300, 600	PG	Texas S. S. Co.....	I. W. T. Co.
Oconee.....	KJC	300, 600	PG	E. H. Greene & Co.....	Do.
Octorara.....	WCD	300, 600	PG	Great Lakes Transit Corp.....	R. C. of A.
Octorara.....	KRIO	300, 600	PG	U. S. S. B.....	Do.
Oglethorpe.....	WZUU	300, 600	PG	do.....	S. O. R. S.
Ogontz.....	KINB	300, 600	PG	do.....	I. W. T. Co.
Ohioan.....	WKQ	300, 600	PG	American-Hawaiian S. S. Co.....	Owner of vessel.
Ohonkara.....	KURV	300, 600	PG	Carl Tucker.....	Do.
Okesa.....	WXEE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Okiya.....	WRUI	300, 600	PG	do.....	Do.
Oklahoma City.....	KUML	300, 600	PG	do.....	I. W. T. Co.
Olen.....	KINR	300, 450, 600	PG	do.....	R. C. of A.
Oleum.....	WTD	300, 600, 1800	PG	Union Oil Co.....	F. T. Co.
Oneco.....	KZUI	300, 600	PG	U. S. S. B.....	Do.
Oneida.....	KYP	300, 600	P	E. C. Benedict.....	Owner of vessel.
Onekama.....	KEDK	300, 600	PG	U. S. S. B.....	S. O. R. S.
Oneonta.....	WPX	300, 450, 600	PG	Port of Portland, Ore. Merchants & Miners Transportation Co.....	Do.
Ontario.....	KQO	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Opelika.....	KECL	300, 600	PG	do.....	R. C. of A.
Opequan.....	KIBK	300, 600	PG	do.....	I. W. T. Co.
Ophis.....	KODZ	300, 600	PG	do.....	R. C. of A.
Oran.....	WQK	300, 440, 525, 600	PG	Oriental Navigation Co.....	Do.
Orani.....	KOBD	300, 600	PG	U. S. S. B.....	Do.
Oraton.....	KEMR	300, 600	PG	do.....	I. W. T. Co.
Orcus.....	KISC	300, 600	PG	do.....	R. C. of A.
Oregon.....	WGD	300, 600	PG	Alaska-Pacific Navigation Co.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Oregon.....	WOC	300,450,600	PG	Henry Wilson.....	R. C. of A.
Oregon.....	WOU	300,600	PG	Crowley Launch & Tugboat Co.	Do.
Oregonian.....	WKO	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Orient.....	KOLC	300,450,600	PG	Orient S. S. Corp.....	R. C. of A.
Orinoco.....	KIMX	300,600	PG	Orinoco S. S. Co.....	Do.
Orion.....	WLO	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Orizaba.....	KMEI	300,600	PG	New York & Porto Rico Mail S. S. Co.	I. W. T. Co.
Orleans.....	KIDZ	300,600	PG	Orleans S. S. Corp.....	R. C. of A.
Oronoke.....	KUNL	300,600	PG	U. S. S. B.....	Do.
Osage.....	WJU	300,450,600	PG	do.....	I. W. T. Co.
Osakis.....	WFOI	300,600	PG	do.....	R. C. of A.
Osaqumsick.....	KEVN	300,600	PG	do.....	S. O. R. S.
Osawatomie.....	KEVB	300,600	PG	do.....	Do.
Oscoda.....	KEKT	300,600	PG	do.....	I. W. T. Co.
Oshkosh.....	WFUU	300,600	PG	do.....	S. O. R. S.
Oskalooza.....	WJII	300,600	PG	do.....	I. W. T. Co.
Oskawa.....	WGUU	300,600	PG	do.....	Do.
Osprey.....	KUJN	300,600	PG	East Coast Fisheries Co.	Do.
Ossa.....	KUFZ	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Ossineke.....	WTFW	300,600	PG	do.....	Do.
Ossining.....	KEFR	300,600	PG	do.....	R. C. of A.
Otho.....	KULX	300,450,600	PG	do.....	Do.
Otsego.....	WDG	300,450,600	PG	do.....	Do.
Otto M. Reiss.....	WNG	300,450,600	PG	Reiss S. S. Co.....	Do.
O. T. Waring.....	KJW	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Outagamie.....	KULS	300,600	PG	U. S. S. B.....	Do.
Overbrook.....	KLAE	300,600	PG	do.....	Do.
Owatama.....	WMOO	300,600	PG	do.....	I. W. T. Co.
Owego.....	KFQ	300,450,600	PG	Winett Operating Co. (Inc.).	R. C. of A.
Oyaka.....	KELX	300,600	PG	U. S. S. B.....	I. W. T. Co.
Ozama.....	WRX	300,600	PG	Atlantic Gulf & West Indies S. S. Co.	Do.
Ozaukee.....	WXAA	300,600	PG	U. S. S. B.....	S. O. R. S.
Ozette.....	KEVP	300,600	PG	do.....	I. W. T. Co.
Ozmo.....	KUJL	300,600	PG	Northern Commercial Co.	R. C. of A.
Padnsay.....	KUQG	300,600	PG	U. S. S. B.....	S. O. R. S.
Palisades.....	KOLV	300,600	PG	do.....	R. C. of A.
Pallas.....	KUTJ	300,450,600	PG	do.....	I. W. T. Co.
Panama.....	KMH	300,450,600	PG	Panama R. R. Co.....	Owner of vessel.
Panaman.....	WKR	300,600	PG	American-Hawaiian S. S. Co.	Do.
Pan-American.....	KUT	300,450,600	PG	Texas S. S. Co.....	R. C. of A.
Panay.....	KEMJ	300,450,525, 600	PG	Madrigal & Co.....	Do.
Panga.....	WJEU	300,600	PG	U. S. S. B.....	S. O. R. S.
Panoil.....	KUQC	300,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Panola.....	WMUO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Pansa.....	KUZN	300,600	PG	do.....	R. C. of A.
Panuco.....	KMM	300,600	PG	Sinclair Gulf Corp.....	Do.
Panuco.....	KWM	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Paraguay.....	KTT	300,600	PG	Sun Co.....	R. C. of A.
Paraiso.....	WRI	300,600	PG	Oliver J. Olsen.....	Owner of vessel.
Parismina.....	KDG	300,600	PG	United Fruit Co.....	T. R. T. Co.
Parksville.....	KIZG	300,600	PG	U. S. S. B.....	I. W. T. Co.
Parthian.....	WCE	300,600	PG	Olympia Shipping Corp.	R. C. of A.
Pasadena.....	KMEU	300,450,600	PG	U. S. S. B.....	I. W. T. Co.
Pascagoula.....	WBIU	300,600	PG	do.....	R. C. of A.
Passaic Bridge.....	KIBJ	300,600	PG	do.....	S. O. R. S.
Pastores.....	KLA	300,600	PG	United Fruit Co.....	T. R. T. Co.
Patrick Henry.....	KUPM	300,600	PG	U. S. S. B.....	R. C. of A.
Patrol.....	KIN	300,400,600	P	Police Department, City of New York.	Owner of vessel.
Paul H. Harwood.....	KJIO	300,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Paulsboro.....	KRS	300,450,600	PG	Vacuum Oil Co.....	Do.
Pawlet.....	KUBL	300,600	PG	U. S. S. B.....	Do.
Pawnee.....	WLU	300,450,600	PG	do.....	Do.
Pawtucket.....	KINZ	300,600	PG	do.....	S. O. R. S.
Pearl Shell.....	WIC	300,450,600	PG	Pearl Shell S. S. Co.....	R. C. of A.
Peconic.....	KDAF..	300,450,600	PR	C. E. Davis Packing Co.	Owner of vessel.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Peekskill.....	KOMX	300,600	PG	U. S. S. B.....	I. W. T. Co.
Penguin.....	KOMJ	300,450,600	PG	Penguin Co.....	Owner of vessel.
Pennant.....	KME	300,450,600	PG	Pierce Oil Corp.....	R. C. of A.
Pennsylvania.....	KUP	300,450,600	PG	Texas S. S. Co.....	I. W. T. Co.
Pennsylvania.....	WKP	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Pequonnock.....	KXP	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Pequot.....	WLX	300,600	PG	U. S. S. B.....	R. C. of A.
Pere Marquette.....	WDA	300,500,600	PR	Pere Marquette R. R. Co.	Do.
Pere Marquette 8.....	KINL	300,600	PR	.....do.....	Do.
Pere Marquette 17.....	WDC	300,500,600	PR	.....do.....	Do.
Pere Marquette 18.....	WDD	300,450,600	PR	.....do.....	Do.
Pere Marquette 19.....	WDB	300,500,600	PR	.....do.....	Do.
Pere Marquette 20.....	WDE	300,500,600	PR	.....do.....	Do.
Perfection.....	KTN	300,450,600	PG	Standard Oil Co. of N. Y.	Do.
Persian.....	KQX	300,450,600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Peter H. Crowell.....	KEXT	300,476,600	PG	Crowell & Thurlow S. S. Co.	R. C. of A.
Peter Reiss.....	WNX	300,600	PG	North American S. S. Co.	Do.
Petoskey.....	WDH	300,600	PG	Chicago & South Ha- ven S. S. Co.	Do.
Petunia.....	KOQN	300,600	PG	Foreign & Domestic Transp. Corp.	Do.
Pezuta.....	KPIE	300,600	PG	U. S. S. B.....	Do.
Philadelphia.....	KDA	300,450,600	PG	Atlantic & Caribbean Steam Navigation Co.	Do.
Philadelphia.....	KSM	300,600	PG	International Mercan- tile Marine Co.	I. W. T. Co.
Philippines.....	WAV	300,600	PG	U. S. S. B.....	S. O. R. S.
Phoenix.....	WJEO	300,600	PG	.....do.....	R. C. of A.
Phoenix Bridge.....	WFOU	300,600	PG	.....do.....	Do.
Phyllis.....	KEA	300,600	PG	Phyllis S. S. Co.....	I. W. T. Co.
Pinellas.....	KULB	300,600	PG	U. S. S. B.....	C. & W. R. C.
Pinthis.....	KUPC	300,450,600	PG	Sugar Products Co.....	R. C. of A.
Pioneer.....	KIG	300,450,600	PG	Standard Oil Co. of N. J.	Owner of vessel.
Pioneer.....	KUSL	300,600	PG	Mutual Packing Co.....	Do.
Pioneer.....	WPN	300,600	PG	Puget Sound Tug Boat Co.	I. W. T. Co.
Pipestone County.....	KIMZ	300,600	PG	U. S. S. B.....	Do.
Pisco.....	KEQV	300,600	PG	.....do.....	R. C. of A.
Pittsburgh Bridge.....	KUKL	300,600	PG	.....do.....	I. W. T. Co.
Plainfield.....	WJEI	300,600	PG	.....do.....	S. O. R. S.
Pleades.....	WNP	300,600	PG	Luckenbach S. S. Co.	Do.
Plover.....	KUFT	300,600	PG	East Coast Fisheries Co.	I. W. T. Co.
Plow City.....	KUCC	300,600	PG	U. S. S. B.....	I. R. T. Co.
Plymouth.....	KXH	300,550,600	PG	New England S. S. Co.	R. C. of A.
Plymouth.....	KND	300,450,600	PG	Green Star S. S. Corp.	I. W. T. Co.
Point Adams.....	WES	300,600	PG	Pacific Mail S. S. Co.	F. T. Co.
Point Arena.....	WHP	300,600	PG	U. S. S. B.....	Do.
Point Bonita.....	WMT	300,600	PG	Pacific Mail S. S. Co.	Do.
Point Judith.....	KPAA	300,600	PG	.....do.....	S. O. R. S.
Point Lobos.....	KJUI	300,600	PG	.....do.....	I. W. T. Co.
Point Loma.....	WAU	300,600	PG	U. S. S. B.....	R. C. of A.
Polar Bear.....	WGOE	300,600	PG	.....do.....	Do.
Polarine.....	KOI	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Polar Sea.....	KSOA	300,600	PG	U. S. S. B.....	Do.
Polar Star.....	KELC	300,600	PG	.....do.....	I. W. T. Co.
Polybius.....	KIGL	300,600	PG	.....do.....	Do.
Ponce.....	KGP	300,450,600	PG	New York & Porto Rico S. S. Co.	R. C. of A.
Pontchartrain.....	KIMP	300,600	PG	U. S. S. B.....	I. W. T. Co.
Pontia.....	KIPC	300,600	PG	.....do.....	Do.
Portola Plumas.....	KUMN	300,450,600	PG	.....do.....	S. O. R. S.
Portsmouth.....	KOJV	300,600	PG	.....do.....	I. W. T. Co.
Poughkeepsie.....	KEZZ	300,600	PG	.....do.....	R. C. of A.
Poznam.....	WLY	300,600	PG	Polish-American Nav- igation Corp.	Do.
President.....	WGP	300,600	PG	Pacific S. S. Co.....	Do.
Princess Matoika.....	WLS	300,600	PG	U. S. S. B.....	Do.
Princeton.....	KST	300,450,600	PG	Standard Oil Co. of N. J.	I. R. T. Co.
Priscilla.....	KXI	300,550,600	PG	New England S. S. Co.	I. W. T. Co.
Proctor.....	KEPQ	300,600	PG	U. S. S. B.....	I. R. T. Co.
Providence.....	KXJ	300,550,600	PG	New England S. S. Co.	I. R. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Providencia.....	WIK	300,450,600	PG	Providencia Steamer Co.	R. C. of A.
Prusa.....	KELQ	300,600	PG	U. S. S. B.	I. W. T. Co.
Puget Sound.....	WER	300,600	PG	do.	S. O. R. S.
Pulaski.....	KUQL	300,600	PG	do.	do.
Puritan.....	WDU	300,600	PG	Graham & Morton Transportation Co.	R. C. of A.
Putnam.....	KIXQ	300,600	PG	U. S. S. B.	I. W. T. Co.
Puyallup.....	KEXC	300,600	PG	do.	do.
Pylos.....	KULQ	300,600	PG	do.	do.
Pyramus.....	KIPL	300,600	PG	do.	do.
Python.....	WNIO	300,600	PG	do.	do.
Quabbin.....	KUIJZ	300,450,600	PG	do.	R. C. of A.
Quaker City.....	KOZL	300,600	PG	do.	Do.
Quantic.....	KQQ	300,450,600	PG	do.	S. O. R. S.
Quapaw.....	KETC	300,600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Queen.....	WGK	300,450,600	PG	U. S. S. B.	Do.
Queen II.....	WOY	300,400	P	Pacific S. S. Co.	R. C. of A.
Quemakoning.....	KETD	300,600	PG	Central Illinois Public Service Co.	Owner of vessel.
Quidnic.....	KSEO	300,600	PG	U. S. S. B.	S. O. R. S.
Quillwark.....	KUZM	300,600	PG	do.	Do.
Quinault.....	KNEI	300,600	PG	do.	Do.
Quinnesecco.....	WRIU	300,600	PG	do.	Do.
Quinnipiac.....	KOQT	300,600	PG	do.	I. W. T. Co.
Quisteonck.....	WRRI	300,600	PG	do.	S. O. R. S.
Quittacas.....	WRUO	300,600	PG	do.	I. W. T. Co.
Radiant.....	KTR	300,450,600	PG	do.	S. O. R. S.
Radnor.....	KJUE	300,600	PG	Standard Oil Co. of N. Y.	R. C. of A.
Rainier.....	WRZ	300,600	PG	U. S. S. B.	Do.
Rajah.....	WAO	300,600	PG	Albers Bros. Milling Co.	S. O. R. S.
Rama.....	KRX	300,450,600	PG	U. S. S. B.	R. C. of A.
Ransom B. Fuller.....	KRF	300,600	PG	Rama Navigation Co.	Do.
Rapidan.....	KOSG	300,600	PG	Eastern S. S. Lines (Inc.).	Do.
Rappahannock.....	WQQ	300,600	PG	U. S. S. B.	Do.
Rayo.....	KTL	300,600	PG	do.	Standard Oil Co. of N. Y.
Rebecca Palmer.....	WQEI	300,600	PG	S. de Barrenechea.	I. W. T. Co.
Red Cloud.....	WJEE	300,600	PG	Red Cloud S. S. Co.	R. C. of A.
Redlands.....	WDUE	300,600	PG	U. S. S. B.	S. O. R. S.
Red Mountain.....	KOTQ	300,600	PG	do.	R. C. of A.
Redondo.....	WBM	300,600	PG	Alaska S. S. Co.	S. O. R. S.
Redondo.....	KYT	300,476,600	PG	Redondo S. S. Co.	I. W. T. Co.
Redwood.....	WSD	300,450,525, 600	PG	Pacific American Fisheries.	S. O. R. S.
Relay.....	KVZ	300,600	P	Mexican Telegraph Co.	Owner of vessel.
Relief.....	KRJ	300,450,600	PG	Merritt & Chapman Derrick & Wrecking Co.	S. O. R. S.
Remlik.....	KZR	300,600	PG	Willis S. Kilmer.	Owner of vessel.
Remus.....	KEBX	300,600	PG	U. S. S. B.	I. W. T. Co.
Republic.....	WSU	300,600	PG	Chili S. S. Co. (Inc.).	R. C. of A.
Rescue.....	KRP	300,450,600	PG	Merritt & Chapman Derrick & Wrecking Co.	S. O. R. S.
Resolute.....	KRM	300,600	PG	do.	Owner of vessel.
Restorer.....	WIU	300,450,600	P	Commercial Pacific Cable Co.	R. C. of A.
Reuce.....	WSR	300,525,600	PG	Columbia River Packers' Assn.	Owner of vessel.
Richard J. Reiss.....	WNK	300,600	PG	Reiss S. S. Co.	R. C. of A.
Richard Peck.....	KXR	300,450,500, 550,600	PG	New England S. S. Co.	I. R. T. Co.
Richconcal.....	KUTX	300,600	PG	U. S. S. B.	I. W. T. Co.
Richmond.....	WTR	300,600	PG	Standard Oil Co. of Calif.	R. C. of A.
Rio Grande.....	KEG	300,600	PG	Mallory Steamship Co.	Do.
Ripon.....	KUGM	300,600	PG	U. S. S. B.	Do.
Riverside Bridge.....	KUCD	300,600	PG	do.	I. W. T. Co.
Roanoke.....	KOXV	300,600	PG	Texas S. S. Co.	Do.
Robert M. Thompson.....	KNW	300,600	PG	American Transportation Co.	Do.
Robert P. Clark.....	KTH	300,450,600	PG	Gulf Refining Co.	R. C. of A.
Robin Adair.....	KOVM	300,440,525, 600	PG	Robin Line S. S. Co.	S. O. R. S.
Robin Goodfellow.....	KUBN	300,440,525, 600	PG	do.	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Robin Gray	KOXT	300, 440, 525, 600	PG	Robin Line S. S. Co...	S. O. R. S.
Robin Hood	KOTM	300, 440, 600	PG	do	Do.
Rochelle	KUNX				
Rochester	KUTZ	300, 600	PG	Vacuum Oil Co.	R. C. of A.
Rockaway Park	KIZZ	300, 600	PG	U. S. S. B.	S. O. R. S.
Rockport	KOZD	300, 450, 600	PG	do	Do.
Roman	WRII	300, 600	PG	French-American Line (Inc.).	R. C. of A.
Romulus	KIDR	300, 600	PG	U. S. S. B.	Do.
Rose City	WWR	300, 600	PG	San Francisco & Portland Steamship Co.	Do.
Rose Mahoney	KSAE	300, 600	PG	Andrew F. Mahoney..	
Royal Arrow	KSW	300, 450, 600	PG	Standard Transportation Co.	Do.
Roy Hooper	WCQ	300, 600	PG	Sinclair Navigation Co.	Do.
Ruby	KOBC	300, 600	PG	American Transportation Co.	
Rush	WNR	300, 440, 525, 600	PG	Bering Sea Packing Co.	Owner of vessel.
Ruth	KZQ	300, 600	PG	A. H. Bull S. S. Co....	I. W. T. Co.
Ruth E. Merrill	KQU	300, 450, 600	PG	Olympia Shipping Corp.	R. C. of A.
Sabine	KEB	300, 450, 600	PG	Mallory Steamship Co.	I. W. T. Co.
Sabine Sun	WLQ	300, 450, 600	PG	Sun Co.	R. C. of A.
Sabotawan	KIJJ	300, 600	PG	U. S. S. B.	S. O. R. S.
Sacandaga	KESC	300, 600	PG	do	R. C. of A.
Saccarappa	WGOI	300, 600	PG	do	I. W. T. Co.
Sac City	KEFB	300, 600	PG	do	Do.
Saco	KEPT	300, 600	PG	do	S. O. R. S.
Sacramento	KWV	300, 600	PG	Sacramento S. S. Co..	R. C. of A.
Sagadahoc	KTUO	300, 600	PG	U. S. S. B.	Do.
Sagaporaek	KZIU	300, 600	PG	do	I. W. T. Co.
Sag Harbor	WPAE	300, 600	PG	do	S. O. R. S.
Sagua	KVO	300, 450, 600	PG	Atlantic Fruit Co.	I. W. T. Co.
Saguache	KEKL	300, 600	PG	U. S. S. B.	R. C. of A.
Sahale	KEPR	300, 600	PG	do	Do.
Salaam	KURP	300, 600	PG	do	
Salaverry	KEQX	300, 600	PG	do	
Salem County	KQDR	300, 600	PG	do	Do.
Salina	KUZQ	300, 600	PG	do	S. O. R. S.
Salinas	KUCL	300, 600	PG	do	I. W. T. Co.
Salmon	KPOU	300, 600	PG	do	R. C. of A.
Saluda	KEGQ	300, 600	PG	do	I. W. T. Co.
Salvation Lass	KDMN	300, 600	PG	do	S. O. R. S.
Samuel Faunce	KQV	300, 450, 600	PG	France & Canada S. S. Corp.	R. C. of A.
Samuel Mitchell	WEJ	300, 450, 600	PG	Huron Transportation Co.	Do.
San Antonio	KOMN	300, 600	PG	Adolfo Stahl	Owner of vessel.
San Diego	KUBF	300, 600	PG	W. H. Wood	Do.
Sangamon	WJAA	300, 600	PG	U. S. S. B.	R. C. of A.
San Jacinto	KES	300, 450, 600	PG	Mallory Steamship Co.	I. W. T. Co.
San Jose	KDJJ	300, 450, 600	PG	United Fruit Co.	T. R. T. Co.
San Jose	WWL	300, 600	PG	Pacific Mail S. S. Co..	F. T. Co.
San Juan	KGJ	300, 450, 600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
San Juan	KULV	300, 600	PG	Libby, McNeill & Libby.	
San Juan	WWM	300, 600	PG	Pacific Mail Steamship Co.	F. T. Co.
San Marcos	KEK	300, 600	PG	Mallory S. S. Co.	I. W. T. Co.
San Mateo	KLV	300, 600	PG	United Fruit Co.	T. R. T. Co.
San Pasqual	KUXC	300, 600	PG	U. S. S. B.	
San Ramon	WNW	300, 600	PG	Mexican Fruit & S. S. Corp.	W. S. Co.
Santa Alicia	WSJ	300, 450, 600	PG	Grace S. S. Co.	R. C. of A.
Santa Ana	WAL	300, 600	PG	Alaska S. S. Co.	S. O. R. S.
Santa Ana	WBX	300, 450, 600	PG	Grace S. S. Co.	R. C. of A.
Santa Barbara	WBJ	300, 450, 600	PG	do	Do.
Santa Cecilia	WBB	300, 600	PG	Green Star S. S. Corp..	Do.
Santa Clara	WBA	300, 600	PG	Atlantic & Pacific S. S. Co.	Do.
Santa Cruz	WBD	300, 600	PG	do	Do.
Santa Elena	WBZ	300, 450, 600	PG	Grace S. S. Co.	Do.
Santa Elisa	KIGQ	300, 600	PG	do	Do.
Santa Flavia	KRUI	300, 450, 600	PG	do	Do.
Santa Inez	WSI	300, 600	PG	do	Do.
Santa Leonora	KIML	300, 600	PG	U. S. S. B.	
Santa Luisa	KJEU	300, 450, 600	PG	Grace S. S. Co.	Do.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS— Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Santa Malta.....	KIBN	300,600	PG	U. S. S. B.....	
Santa Marta.....	KILG	300,600	PG	United Fruit Co.....	T. R. T. Co.
Santanta.....	KZS	300,600	P	Osborne Howes.....	Owner of vessel.
Santa Olivia.....	KQII	300,600	PG	Atlantic & Pacific S. S. Co.	R. C. of A.
Santa Paula.....	WBQ	300,450,600	PG	Grace S. S. Co.....	Do.
Santa Rita.....	WTG	300,600	PG	American Fuel Oil & Transportation Co.	Do.
Santa Rita.....	WBR	300,450,600	PG	Grace S. S. Co.....	Do.
Santa Rosa.....	WBO	300,500,600	PG	do.....	Do.
Santa Rosalia.....	KLO	300,600	PG	U. S. Steel Products Co.	Do.
Santa Tecla.....	KNEE	300,600	PG	Grace S. S. Co.....	Do.
Santa Teresa.....	WLIA	300,600	PG	do.....	Do.
Santiago.....	KWE	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Santore.....	KDQ	300,600	PG	Ore S. S. Corp.....	R. C. of A.
Santurce.....	KEMV	300,450,600	PG	New York & Porto S. S. Co.	I. W. T. Co.
Sapelo.....	KOVK	300,600	PG	U. S. S. B.....	S. O. R. S.
Sapinero.....	KESG	300,600	PG	do.....	R. C. of A.
Sapona.....	KOSP	300,450,600	PG	do.....	S. O. R. S.
Sarah Weems.....	WQJ	300,600		Baltimore & Carolina S. S. Co.	
Saramacca.....	KLH	300,600	PG	United Fruit Co.....	T. R. T. Co.
Sarcoxie.....	WLAA	300,600	PG	U. S. S. B.....	I. W. T. Co.
Saris.....	WGIO	300,600	PG	do.....	S. O. R. S.
Satartia.....	KIDC	300,600	PG	do.....	R. C. of A.
Satsuma.....	KJI	300,600	PG	Barber & Co. (Inc.)..	Do.
Saucon.....	WBK	300,600	PG	U. S. S. B.....	I. W. T. Co.
Saugerties.....	WAB	300,600	PG	do.....	S. O. R. S.
Saugus.....	KIBQ	300,600	PG	do.....	I. W. T. Co.
Saxon.....	WZEA	300,600	PG	Clinchfield Navigation Co.	R. C. of A.
S. B. Hunt.....	KIPR	300,600	PG	Standard Oil Co. of N. J.	Do.
Scantic.....	KILR	300,600	PG	U. S. S. B.....	I. W. T. Co.
Schenectady.....	WJIU	300,600	PG	do.....	R. C. of A.
Schodack.....	KEVT	300,600	PG	do.....	Do.
Schoharie.....	KEVW	300,600	PG	do.....	S. O. R. S.
Schoodic.....	KIDQ	300,600	PG	do.....	I. W. T. Co.
Schroon.....	KIJM	300,600	PG	do.....	Do.
Schuylkill Bridge.....	KUKC	300,600	PG	do.....	S. O. R. S.
Scottsburg.....	KOMM	300,600	PG	do.....	Do.
Sea Bird.....	KICT	300,600		The Sea Bird Co.....	
Seafarer.....	WPL	300,600		Seafarer Nav. & Salvage Co.	
Seattle Spirit.....	KISD	300,600	PG	U. S. S. B.....	Do.
Sebonac.....	KUVF	300,450,600	PG	Thomas A. Howell.....	Owner of vessel.
Security.....	KSJ	300,600	PG	Standard Transportation Co.	R. C. of A.
Seeandbee.....	WFS	300,600	PG	Cleveland & Buffalo Transit Co.	Do.
Seekonk.....	KIGF	300,450,600	PG	U. S. S. B.....	Do.
Seguranca.....	KWG	300,600	PG	Standard Commercial S. S. Corp.	Do.
Selma.....	KUKQ	300,600	PQ	U. S. S. B.....	
Seminole.....	KUGP	300,600	PG	do.....	Do.
Senator.....	WGS	300,600	PG	Pacific Steamship Co.	Do.
Senator Bailey.....	KGS	300,450,600	PG	Gulf Refining Co.....	Do.
Sepulga.....	KURK	300,600	PG	U. S. S. B.....	Do.
Severance.....	KXOE	300,600	PG	Union Sulphur Co.....	S. O. R. S.
Sewalls Point.....	KGX	300,450,600	PG	Castner, Curran & Bullitt (Inc.)..	R. C. of A.
Sewickley.....	KPII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Seypen.....	WGEU	300,600	PG	do.....	S. O. R. S.
Shannock.....	KOBB	300,600	PG	do.....	I. W. T. Co.
Sharon.....	KIRK	300,600	PG	do.....	R. C. of A.
Shaume.....	KILQ	300,600	PG	do.....	Do.
Sheldrake.....	KUFX	300,600		East Coast Fisheries Co.	Owner of vessel.
Shenandoah.....	KIBD	300,600	PG	U. S. S. B.....	I. W. T. Co.
Shenango.....	KTC	300,600	PG	Gulf Refining Co.....	R. C. of A.
Sherman.....	KMQ	300,450,600	PG	Sherman S. S. Co.....	Do.
Shickshinny.....	KIZP	300,600	PG	U. S. S. B.....	I. W. T. Co.
Shooters Island.....	KERG	300,600	PG	do.....	R. C. of A.
Shortsville.....	KIKK	300,600	PG	do.....	Do.
Siboney.....	WRN	300,600	PG	do.....	I. W. T. Co.
Sierra.....	KRW	300,600	PR	E. K. Wood Lumber Co.	Owner of vessel.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Sierra.....	WHJ	300,600,1800	PG	Green Star S. S. Corp..	F. T. Co.
Siletz.....	KODG	300,476,600	PG	U. S. S. B.....	I. W. T. Co.
Silverado.....	WRC	300,450,600	PG	.....do.....	Do.
Silverbrook.....	KIBC	300,600	PG	.....do.....	R. C. of A.
Silver Shell.....	WIA	300,450,600	PG	Silver Shell S. S. Co.....	Do.
Sinasta.....	KDAC	300,600	PG	U. S. S. B.....	I. W. T. Co.
Sinsinawa.....	KOJD	300,600	PG	.....do.....	R. C. of A.
Sioux City.....	KUGK	300,600	PG	.....do.....	Do.
Sioux Falls.....	KONN	300,600	PG	.....do.....	Do.
Sir Thomas Shaughnessy.....	WVU	300,600	PG	Jenkins S. S. Co.....	Do.
Sir Trevor Dawson.....	WMIU	300,600	PG	American Interlake Co.	Do.
Sixaola.....	KDS	300,600	PG	Alaska Fruit Co.....	T. R. T. Co.
Skagway.....	WAT	300,600	PG	Alaska S. S. Co.....	Owner of vessel.
S. M. Fischer.....	WPH	300,600	PG	Reid Towing & Wrecking Co.	R. C. of A.
S. M. Spalding.....	WKG	300,600	PG	Pan-American Petroleum & Tr. Co.	Do.
Snipe.....	KUFS	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Snug Harbor.....	WBAA	300,450,600	PG	U. S. S. B.....	R. C. of A.
S. O. Co. No. 91.....	WTU	300,600	PG	Standard Oil Co. of Calif.	Do.
S. O. Co. No. 93.....	WTY	300,600	PG	.....do.....	Do.
S. O. Co. No. 95.....	WTZ	300,600	PG	.....do.....	Do.
Socony.....	KTX	300,600	PG	Standard Oil Co. of N. Y.	I. W. T. Co.
Socony 82.....	KVAI	300,450,600	PG	.....do.....	R. C. of A.
Socony 83.....	KVAO	300,450,600	PG	.....do.....	Do.
Socony 84.....	WCOE	300,600	PG	.....do.....	Do.
Socony 85.....	WKAE	300,450,600	PG	.....do.....	Do.
Socony 88.....	KRUU	300,450,600	PG	.....do.....	Do.
Socony 89.....	KSAA	300,450,600	PG	.....do.....	Do.
Socony 90.....	WTHI	300,450,600	PG	.....do.....	Do.
Socony 92.....	WCOI	300,450,600	PG	.....do.....	Do.
Socony 94.....	WTIO	300,450,600	PG	.....do.....	Do.
Solitaire.....	KUMT	300,600	PG	Texas S. S. Co.....	I. W. T. Co.
Somerset.....	KSU	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Sonoma.....	WHM	300,600,1800	PG	Oceanic S. S. Co.....	F. T. Co.
Sophie Frankel.....	KIBM	300,600	PG	U. S. S. B.....	R. C. of A.
South American.....	WEO	300,600	PG	Chicago, Duluth & Georgian Bay Steamship Co.	Do.
South Bend.....	KEXQ	300,600	PG	U. S. S. B.....	S. O. R. S.
South Pole.....	WDIA	300,600	PG	.....do.....	I. W. T. Co.
Speedwell.....	KLZ	300,600	PG	Speedwell Navigation Co.	Owner of vessel.
Spokane.....	WGE	300,600	PG	Pacific S. S. Co.....	R. C. of A.
Springfield.....	KUTR	300,600	PG	U. S. S. B.....	Do.
St. Anthony.....	KUBM	300,600	PG	.....do.....	S. O. R. S.
St. Augustine.....	KIKJ	300,600	PG	.....do.....	R. C. of A.
St. Charles.....	KOK	300,600	PG	Maru Navigation Co.	Do.
Saint Francis.....	KRT	300,600	PG	U. S. Steel Products Co.	Do.
St. Johns County.....	KIKG	300,600	PG	U. S. S. B.....	Do.
St. Nicholas.....	WSS	300,525,600	PG	Columbia River Packers' Assn.	Owner of vessel.
St. Paul.....	KSO	300,600	PG	International Mercantile Marine Co.	I. W. T. Co.
Stadacona.....	WMIO	300,600	PG	Stadacona S. S. Co.....	R. C. of A.
Standard.....	KIC	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Standard.....	KXOI	300,450,600	PG	Standard Transportation Co.	Do.
Standard II.....	KSA	300,600	PG	.....do.....	Do.
Standard Arrow.....	KSV	300,450,600	PG	.....do.....	Do.
Stanley.....	KISJ	300,600	PG	U. S. S. B.....	S. O. R. S.
Stanley Dollar.....	WHS	300,600	PG	Dollar S. S. Line.....	Do.
Stanwood.....	KHD	300,600	PG	W. R. Chamberlin.....	Do.
Star I.....	WRIO	300,600	PG	U. S. Whaling Co.	Owner of vessel.
Starlite.....	KPK	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Star of Greenland.....	KERF	300,400,600	PG	Alaska Packers' Assn.	Do.
Star of Holland.....	KUGQ	300,600	PG	.....do.....	Do.
Star of Lapland.....	KXOA	300,600	PG	.....do.....	Do.
Starr.....	WPS	300,600	PG	San Juan Fishing & Packing Co.	S. O. R. S.
Staten Island.....	KUMD	300,600	PG	U. S. S. B.....	Do.
State of Ohio.....	WFR	300,600	PG	Cleveland & Buffalo Transit Co.	R. C. of A.
Steadfast.....	WDEO	300,600	PG	U. S. S. B.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Steel Age.....	KOXZ	300,450,600	PG	U. S. Steel Products Co.	R. C. of A.
Steelmaker.....	KOXX	300,600	PG	do.	Do.
Steel Mariner.....	KUVK	300,600	PG	do.	Do.
Steel Trader.....	KUVL	300,450,600	PG	do.	Do.
Steel Voyager.....	KUFN	300,450,600	PG	do.	C. & W. R. C.
Stephen R. Jones.....	KXX	300,600	PG	Crowell & Thurlow S. S. Co.	Owner of vessel.
Storm King.....	KOGM	300,600	PG	Rolph Navigation & Coal Co.	S. O. R. S.
Sturgeon Bay.....	KJOI	300,600	PG	U. S. S. B.	R. C. of A.
Suboatco.....	KURZ	300,600	PG	Submarine Boat Corp.	Do.
Sucrosa.....	KNS	300,600	PG	Cuba Distilling Co.	R. C. of A.
Sudbury.....	KRZ	300,450,600	PG	Shawmut S. S. Co.	Do.
Suedco.....	KUSB	300,600	PG	Submarine Boat Corp.	Do.
Suelco.....	KUZJ	300,600	PG	do.	Do.
Suffolk.....	WRS	300,600	PG	Coastwise Transporta- tion Co.	S. O. R. S.
Suholeo.....	KUZF	300,600	PG	Submarine Boat Corp.	R. C. of A.
Summerleaf.....	KUGR	300,600	PG	U. S. S. B.	Do.
Sun.....	KTU	300,600	PG	Sun Co.	I. W. T. Co.
Sunbeam.....	KODC	300,600	PG	do.	Transmarine Corp.
Sundance.....	KORD	300,600	PG	U. S. S. B.	R. C. of A.
Sunelseco.....	KUSC	300,450,600	PG	Submarine Boat Corp.	Do.
Sunlite.....	KPQ	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Sunoil.....	KWP	300,450,600	PG	Sun Co.	Do.
Sunshine.....	KOFG	300,600	PG	do.	Do.
Suportco.....	KUZK	300,600	PG	Submarine Boat Corp.	T. R. T. Co.
Suriname.....	KLI	300,600	PG	United Fruit Co.	R. C. of A.
Suruga.....	KGD	300,450,600	PG	Barber & Co.	Do.
Susana.....	KNX	300,600	PG	F. I. A. T. Corp.	Owner of vessel.
Susana II.....	KEMG	300,450,525, 600	PG	Madrigal & Co.	Susquehanna S. S. Co. (Inc.).
Susquehanna.....	WEM	300,450,600	PG	U. S. S. B.	I. W. T. Co.
Susquehanna.....	KOLN	300,600	PG	do.	S. O. R. S.
Sutherland.....	WTJ	300,476,600	PG	do.	I. W. T. Co.
Sutransco.....	KUZG	300,600	PG	Submarine Boat Corp.	R. C. of A.
Suwied.....	KOXC	300,600	PG	U. S. S. B.	Do.
S. V. Harkness.....	KEU	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Swampscott.....	WQIU	300,600	PG	U. S. S. B.	Do.
Sylvan Arrow.....	KSX	300,450,600	PG	Standard Transporta- tion Co.	Do.
Tamesi.....	WTE	300,458,600	PG	Sinclair Navigation Co	Do.
Tampa.....	KOVX	300,450,600	PG	U. S. S. B.	Do.
Tampico.....	KOXR	300,600	PG	Crowell & Thurlow	I. W. T. Co.
Tanamo.....	KVN	300,450,600	PG	Atlantic Fruit Co.	R. C. of A.
Tancarville.....	KUKM	300,600	PG	Philippine Vegetable Oil Co.	I. W. T. Co.
Tanka.....	KEFF	300,600	PG	U. S. S. B.	Do.
Tankerville.....	KOKB	300,600	PG	Philippine Vegetable Oil Co.	S. O. R. S.
Tartar.....	KEKS	300,600	PG	U. S. S. B.	Owner of vessel.
Tasco.....	KFT	300,600	PG	T. A. Scott Co. (Inc.).	I. W. T. Co.
Tashmoo.....	KOXD	300,600	PG	U. S. S. B.	Owner of vessel.
Tatoosh.....	WPE	300,600	PG	Western Fuel Co.	Do.
Tavernilla.....	KEMT	300,600	PG	do.	I. W. T. Co.
Teal.....	KOTC	300,600	PG	Teal Co.	R. C. of A.
Tekoa.....	KOXF	300,600	PG	U. S. S. B.	I. W. T. Co.
Tenafly.....	KOZF	300,600	PG	do.	S. O. R. S.
Teresa.....	WJF	300,450,600	PG	do.	Owner of vessel.
Ter.....	KUFQ	300,450,600	PG	East Coast Fisheries Co	S. O. R. S.
Terre Haute.....	KOPJ	300,600	PG	U. S. S. B.	Owner of vessel.
Texan.....	WKT	300,600	PG	American-Hawaiian S. S. Co.	Do.
Texarkana.....	KOCD	300,600	PG	U. S. S. B.	R. C. of A.
Texas.....	KUM	300,450,600	PG	Texas Co.	I. W. T. Co.
Thala.....	KIQQ	300,600	PG	U. S. S. B.	R. C. of A.
The Harvester.....	WCR	300,600	PG	International Harves- ter Co.	Do.
The Lambs.....	KEBZ	300,600	PG	U. S. S. B.	I. W. T. Co.
The Limit.....	WCV	300,600	PG	Whitney Bros. Co.	R. C. of A.
Theodore Roosevelt.....	WCT	300,600	PG	Cleveland Erie S. S. Co	Do.
Tidewater.....	KOU	300,450,600	PG	Green Star S. S. Corp.	Do.
Tiger.....	KIT	300,450,600	PG	Standard Transporta- tion Co.	Do.
Tillamook.....	WMOA	300,600	PG	U. S. S. B.	S. O. R. S.
Tionesta.....	WCA	300,600	PG	Erie & Western Trans- portation Co.	R. C. of A.
Tippecanoe.....	KUXL	300,600	PG	U. S. S. B.	Do.
Tipton.....	WQOA	300,600	PG	do.	S. O. R. S.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Tivives.....	KMI	300,600	PG	United Fruit Co.....	T. R. T. Co.
Toiler.....	WTOO	300,600	PG	U. S. S. B.....	Do.
Toka.....	KPAE	300,600	PG	do.....	Do.
Toledo Bridge.....	KOXX	300,600	PG	do.....	I. W. T. Co.
Tollard.....	KEVX	300,600	PG	do.....	Do.
Tolo.....	WQOI	300,600	PG	do.....	Do.
Tona.....	KOXJ	300,600	PG	do.....	Do.
Tonesit.....	KOKK	300,600	PG	do.....	Do.
Toopi.....	KULP	300,600	PG	do.....	Do.
Topila.....	KKE	300,450,600	PG	Southern Pacific Co.....	R. C. of A.
Tormenter.....	KFN	300,600	PG	Freeport & Tampico Fuel Oil Transportation Co.	Do.
Torres.....	KKF	300,450,600	PG	Southern Pacific Co.....	Do.
Transportation.....	KEJX	300,600	PG	Coastwise Transportation Co.	Do.
Traveller.....	KIVK	300,600	PG	U. S. S. B.....	Do.
Tri Mountain.....	KOQF	300,600	PG	do.....	S. O. R. S.
Trinidadian.....	KNO	300,600	PG	Gulf Refining Co.....	R. C. of A.
Tripp.....	KIMC	300,600	PG	U. S. S. B.....	I. W. T. Co.
Triumph.....	KEND	300,600	PG	do.....	Do.
Trontolite.....	KOM	300,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Tuckahoe.....	KJOU	300,450,600	PG	U. S. S. B.....	I. W. T. Co.
Tuckanuck.....	KIMB	300,600	PG	do.....	Do.
Tuladi.....	KOXL	300,600	PG	do.....	S. O. R. S.
Tulsa.....	KIXR	300,600	PG	do.....	R. C. of A.
Tunica.....	WJF	300,600	PG	do.....	Do.
Turrialba.....	KDT	300,600	PG	United Fruit Co.....	T. R. T. Co.
Tuscan.....	KUDC	300,600	PG	Munson S. S. Line.....	I. W. T. Co.
Tuwetanka.....	KOLG	300,600	PG	U. S. S. B.....	S. O. R. S.
Twilite.....	KPO	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Tyee.....	KENB	300,600	PG	U. S. S. B.....	Do.
Tyee.....	WPC	300,600	PG	Skinner & Eddy Corp.	Owner of vessel.
Ulysses.....	KPU	300,600	PG	Panama R. R. Co.....	R. C. of A.
Umatilla.....	KSUO	300,600	PG	U. S. S. B.....	Do.
Undaunted.....	WGM	300,600	PG	Hind-Rolph & Co.....	I. W. T. Co.
Unicoi.....	KUQP	300,600	PG	U. S. S. B.....	Do.
Union Liberty.....	KUNG	300,600	PG	do.....	Owner of vessel.
United States.....	KZU	300,450,600	PG	E. H. R. Green.....	R. C. of A.
Utacarbon.....	KUMC	300,450,600	PG	U. S. S. B.....	Do.
Utina.....	KIPM	300,600	PG	do.....	S. O. R. S.
Utoka.....	KERK	300,600	PG	do.....	R. C. of A.
Vacuum.....	KUTS	300,450,600	PG	Vacuum Oil Co.....	Do.
Vacuum II.....	KIMK	300,600	PG	Jesse H. Jay.....	Do.
Valdez.....	WAK	300,600	PG	Alaska S. S. Co.....	S. O. R. S.
Vallonia.....	KULR	300,600	PG	U. S. S. B.....	Do.
Vanada.....	KOBF	300,600	PG	do.....	I. W. T. Co.
Velero.....	WHV	300,600	PG	G. Allan Hancock.....	Owner of vessel.
Venetia.....	WOV	300,600	P	J. D. Spreckels.....	Do.
Venezuela.....	WBG	300,600,1800	PG	Pacific Mail S. S. Co.....	F. T. Co.
Ventura.....	WHL	300,600,1800	PG	Oceanic S. S. Co.....	Do.
Vesta.....	KTS	300,450,600	PG	Standard Oil Co.....	R. C. of A.
Victoria.....	WAD	300,450,525,600	PG	Alaska S. S. Co.....	S. O. R. S.
Victorius.....	WXIA	300,450,600	PG	U. S. S. B.....	I. W. T. Co.
Vigilant.....	KOZP	300,425,600	PG	E. K. Wood Lumber Co.	S. O. R. S.
Vincennes Bridge.....	KOXM	300,600	PG	U. S. S. B.....	I. W. T. Co.
Vincent.....	KIZS	300,600	PG	do.....	Do.
Vinita.....	KOTL	300,450,600	PG	do.....	R. C. of A.
Vinton County.....	KORQ	300,600	PG	do.....	I. W. T. Co.
Virginia.....	KUV	300,450,600	PG	Texas Co.....	Do.
Virginia Bridge.....	KUCF	300,600	PG	U. S. S. B.....	S. O. R. S.
Virginian.....	WKV	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Vittorio Emmanuele III.....	KBUI	300,600	PG	U. S. S. B.....	R. C. of A.
Vizcaya.....	WSQ	300,600	PG	do.....	Do.
Volunteer.....	WFAO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Von Steuben.....	KOXP	300,600	PG	do.....	Do.
Waban.....	KJT	300,450,600	PG	do.....	Do.
Wabash.....	WNC	300,600	PG	do.....	Do.
Wachusett.....	WJL	300,600	PG	do.....	Do.
Waco.....	KIRP	300,600	PG	do.....	R. C. of A.
Wacouta.....	WLG	300,450,600	PG	N. Y. & C. M. S. S. Co.....	I. W. T. Co.
Wahkeena.....	WMS	300,600	PG	Wahkeena S. S. Co.....	R. C. of A.
Wahkiakum.....	KNIA	300,600	PG	U. S. S. B.....	S. O. R. S.
Wakan.....	WDAI	300,600	PG	do.....	I. W. T. Co.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Wakanna	KKOU	300,600	PG	U. S. S. B	J. W. T. Co.
Wakiki	WRRU	300,600	PG	do	R. C. of A.
Wakulla	KRUO	300,600	PG	do	I. W. T. Co.
Walden	KIGG	300,600	PG	do	R. C. of A.
Wallingford	KEPV	300,476,600	PG	do	Do.
Wallkill	KIPD	300,600	PG	do	Do.
Wallowa	KQAI	300,600	PG	do	S. O. R. S.
Wallula	WPY	300,450,600	PG	Port of Portland, Oreg.	Do.
Walter A. Luckenbach	KJIE	300,600	PG	Luckenbach S. S. Co.	Do.
Walter D. Munson	KVJ	300,450,600	PG	Munson S. S. Co.	R. C. of A.
Walter D. Noyes	KDY	300,600	PG	Crowell & Thurlow S. S. Co.	Do.
Walter Hardcastle	KQB	300,600	PG	Sinclair Gulf Corp.	Do.
Wampum	KROI	300,450,600	PG	U. S. S. B.	I. W. T. Co.
Wana	KYX	300,600	P	George C. Sherman	Owner of vessel.
Waneyanda	WXIE	300,600	PG	U. S. S. B.	I. W. T. Co.
Wanzu	WDAU	300,600	PG	do	R. C. of A.
Wapama	WMG	300,600	PG	Wapama S. S. Co.	Do.
Warszawa	WLM	300,600	PG	Polish-American Nav- igation Corp.	Owner of vessel.
Wasagya	KOPN	300,600	PG	U. S. S. B.	R. C. of A.
Wasco	KKIO	300,600	PG	do	S. O. R. S.
Washtenaw	WPOO	300,600	PG	Union S. S. Co.	F. T. Co.
Wassaic	KROO	300,600	PG	U. S. S. B.	S. O. R. S.
Watauga	WQPT	300,600	PG	do	R. C. of A.
Waterbury	KUPT	300,600	PG	do	Do.
Watertown	KING	300,600	PG	do	S. O. R. S.
Wathena	WDIE	300,600	PG	do	Do.
Watsonwan	WGHO	300,600	PG	do	Do.
Waubesa	WREE	300,600	PG	do	I. W. T. Co.
Wauconda	KIDV	300,600	PG	do	Do.
Waukau	KIDV	300,600	PG	do	S. O. R. S.
Waukegan	KIDV	300,600	PG	do	I. W. T. Co.
Waukeshia	KKEO	300,450,600	PG	do	Do.
Wauwatosa	KUCK	300,600	PG	do	R. C. of A.
Wawalona	KEXM	300,600	PG	do	I. W. T. Co.
Waxahachie	KILM	300,600	PG	do	R. C. of A.
Wayhut	WGUT	300,600	PG	do	Do.
Wayucan	KKUA	300,600	PG	do	Do.
W. B. Keene	KWK	300,600	PG	Savannah-New York Transportation Co.	Do.
W. C. Teagle	KTY	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Wekika	KIXX	300,600	PG	U. S. S. B.	S. O. R. S.
Wellington	KMR	300,450,600	PG	Henry W. Cook	R. C. of A.
Wenakee	WXII	300,600	PG	U. S. S. B.	S. O. R. S.
West Alcoz	KIDD	300,600	PG	do	I. W. T. Co.
West Aleta	KIQG	300,600	PG	do	Do.
West Alsek	KJVO	300,600	PG	do	Do.
West Amargosa	KEJS	300,600	PG	do	Do.
West Apaum	KJUJ	300,600	PG	do	S. O. R. S.
West Arrow	WKS	300,600	PG	do	Do.
West Arvada	KVIE	300,600	PG	do	Do.
West Ashawa	KFH	300,600	PG	do	Do.
West Avenal	KENG	300,600	PG	do	I. W. T. Co.
Westboro	KBUU	300,600	PG	do	S. O. R. S.
West Bridge	KJOO	300,600	PG	do	Do.
Westbrook	WLI	300,600	PG	do	I. W. T. Co.
West Cactus	KIVV	300,600	PG	do	Do.
West Caddoa	KODF	300,600	PG	do	S. O. R. S.
West Cadron	KUDK	300,600	PG	do	I. W. T. Co.
West Cahokia	KUPJ	300,450,600	PG	do	Do.
West Cajoot	KEXX	300,476,600	PG	do	S. O. R. S.
West Calera	KUMM	300,450,600	PG	do	I. W. T. Co.
West Calumb	KILT	300,600	PG	do	S. O. R. S.
West Camak	KUST	300,600	PG	do	R. C. of A.
West Campgaw	KUFR	300,450,600	PG	do	S. O. R. S.
West Cape	WXEO	300,600	PG	do	I. W. T. Co.
West Carnifax	KEFC	300,450,600	PG	do	R. C. of A.
West Carruth	KESJ	300,600	PG	do	I. W. T. Co.
West Catanace	KEE	300,600	PG	Elder Steel S. S. Co.	S. O. R. S.
West Cavanal	KIFD	300,600	PG	U. S. S. B.	R. C. of A.
West Cawthon	KILZ	300,600	PG	do	Do.
West Cayote	KIRF	300,600	PG	do	Do.
West Celeron	KKJ	300,600	PG	do	I. W. T. Co.
West Celina	KEZR	300,450,600	PG	do	R. C. of A.
West Chatala	KIPJ	300,600	PG	do	S. O. R. S.
West Cherow	KJM	300,600	PG	do	Do.
Westchester	WCL	300,476,600	PG	do	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
West Cheswald.....	KIXB	300,600	PG	U. S. S. B.	R. C. of A.
West Chetac.....	KIMG	300,600	PG	do.	I. W. T. Co.
West Coast.....	KRAA	300,600	PG	do.	S. O. R. S.
West Cobalt.....	KEKD	300,600	PG	do.	Do.
West Cohas.....	KNAE	300,600	PG	do.	R. C. of A.
West Compo.....	KENJ	300,600	PG	do.	S. O. R. S.
West Conob.....	KIFP	300,476,600	PG	do.	I. W. T. Co.
West Corum.....	KEVD	300,600	PG	do.	S. O. R. S.
West Cressy.....	WGOU	300,600	PG	do.	I. W. T. Co.
West Durfee.....	KJAI.	300,378,600	PG	do.	S. O. R. S.
West Eagle.....	WQZ	300,600	PG	do.	Do.
West Ekonk.....	KQIU	300,600	PG	do.	I. W. T. Co.
West Elcajon.....	KELK	300,450,600	PG	do.	Do.
West Elcasco.....	WJOA	300,600	PG	do.	S. O. R. S.
West Eldara.....	WJOE	300,600	PG	do.	I. W. T. Co.
Western Ally.....	KEJF	300,600	PG	do.	Do.
Western Belle.....	WKUI	300,600	PG	do.	S. O. R. S.
Western Chief.....	KNAO	300,420,600	PG	do.	R. C. of A.
Western City.....	KNAI	300,600	PG	do.	I. W. T. Co.
Western Comet.....	WXEI	300,600	PG	do.	S. O. R. S.
Western Cross.....	KTEE	300,600	PG	do.	R. C. of A.
Westerner.....	KIK	300,600	PG	do.	Do.
Western Front.....	WJQ	300,450,600	PG	do.	S. O. R. S.
Western Glen.....	KEDR	300,378,600	PG	do.	I. W. T. Co.
Western Hero.....	KIU	300,600	PG	do.	S. O. R. S.
Western Hope.....	WFFA	300,600	PG	do.	R. C. of A.
Western King.....	WEP	300,600	PG	do.	Do.
Western Knight.....	KEFQ	300,600	PG	do.	S. O. R. S.
Western Light.....	KQOI	300,600	PG	do.	Do.
Western Maid.....	KQOO	300,600	PG	do.	R. C. of A.
Western Ocean.....	KJEA	300,600	PG	do.	S. O. R. S.
Western Plains.....	WZIU	300,600	PG	do.	Do.
Western Pride.....	WGT	300,600	PG	do.	I. W. T. Co.
Western Queen.....	WWK	300,378,600	PG	do.	S. O. R. S.
Western Scout.....	WXEA	300,600	PG	do.	I. W. T. Co.
Western Sea.....	KNAA	300,600	PG	do.	Do.
Western Spirit.....	KNEA	300,600	PG	do.	Do.
Western Star.....	WEU	300,600	PG	do.	Do.
Western States.....	WED	300,440,500, 600	PG	Detroit & Cleveland Navigation Co.	R. C. of A.
Western Wave.....	WWC	300,600	PG	U. S. S. B.	S. O. R. S.
West Erral.....	KERJ	300,600	PG	do.	R. C. of A.
Westfield.....	KXU	300,600	PG	do.	Do.
Westford.....	KNAU	300,600	PG	do.	I. W. T. Co.
West Galeta.....	WFAE	300,600	PG	do.	S. O. R. S.
West Galoe.....	KVEI	300,600	PG	do.	I. W. T. Co.
West Gambo.....	KQUU	300,600	PG	do.	Do.
West Gotomska.....	WET	300,600	PG	do.	S. O. R. S.
West Grama.....	WGIA	300,600	PG	do.	R. C. of A.
West Grove.....	KJAU	300,600	PG	do.	Do.
Westhampton.....	WSP	300,378,600	PG	do.	I. W. T. Co.
West Harcuvar.....	KEZM	300,600	PG	do.	S. O. R. S.
West Hardaway.....	KEDX	300,600	PG	do.	I. W. T. Co.
West Hargrave.....	KEDZ	300,600	PG	do.	S. O. R. S.
West Harlan.....	KEFS	300,600	PG	do.	I. W. T. Co.
West Harshaw.....	KEFX	300,600	PG	do.	S. O. R. S.
West Hartland.....	KEGS	300,450,600	PG	do.	I. W. T. Co.
West Hartley.....	KEGT	300,600	PG	do.	S. O. R. S.
West Harts.....	KEFZ	300,600	PG	do.	I. W. T. Co.
West Hassayampa.....	KEGX	300,600	PG	do.	Do.
West Haven.....	KJV	300,450,525, 600	PG	do.	S. O. R. S.
West Helix.....	WSUA	300,600	PG	do.	Do.
West Hematite.....	KEZP	300,600	PG	do.	I. W. T. Co.
West Hembrie.....	KEZN	300,600	PG	do.	R. C. of A.
West Henshaw.....	KEBQ	300,476,600	PG	do.	S. O. R. S.
West Hepburn.....	KINP	300,600	PG	do.	Do.
West Hesseltine.....	KOTN	300,600	PG	do.	Do.
West Hika.....	KOZK	300,600	PG	do.	I. W. T. Co.
West Himrod.....	KUDQ	300,476,600	PG	do.	S. O. R. S.
West Hixton.....	KUKV	300,600	PG	do.	I. W. T. Co.
West Hobomac.....	WFAI	300,600	PG	do.	S. O. R. S.
West Holbrook.....	KUXB	300,600	PG	do.	Do.
West Hosokie.....	WFEI	300,600	PG	do.	R. C. of A.
West Humhaw.....	WZAE	300,600	PG	do.	Do.
West Imboden.....	KECX	300,600	PG	do.	S. O. R. S.
West Indian.....	KJAE	300,600	PG	do.	S. O. R. S.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS— Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
West Inskip.....	KITZ	300,600	PG	U. S. S. B.....	R. C. of A.
West Ira.....	KOGL	300,476,600	PG	do.....	Do.
West Irmo.....	KIFB	300,600	PG	do.....	Do.
West Islay.....	KICP	300,600	PG	Imperial Shipping Corp.	Do.
West Isleta.....	KICQ	300,600	PG	U. S. S. B.....	Do.
West Islip.....	KIKX	300,600	PG	do.....	S. O. R. S.
West Ison.....	KINN	300,600	PG	do.....	R. C. of A.
West Ivan.....	KOZS	300,600	PG	do.....	Do.
West Ivis.....	KOQQ	300,600	PG	do.....	I. W. T. Co.
West Jaffrey.....	KOCX	300,450,600	PG	do.....	R. C. of A.
West Jappa.....	KUKJ	300,450,600	PG	do.....	I. W. T. Co.
West Jena.....	KOTG	300,450,600	PG	do.....	Do.
West Jessup.....	KOXS	300,450,600	PG	do.....	R. C. of A.
West Jester.....	KUDG	300,600	PG	do.....	I. W. T. Co.
West Kader.....	KOSL	300,600	PG	do.....	S. O. R. S.
West Kasson.....	KIKM	300,600	PG	do.....	I. W. T. Co.
West Katan.....	KOBK	300,450,600	PG	do.....	S. O. R. S.
West Keats.....	KUQK	300,450,600	PG	do.....	Do.
West Kebar.....	KDAN	300,600	PG	do.....	Do.
West Kedron.....	KDAP	300,600	PG	do.....	Do.
West Keene.....	KISK	300,600	PG	do.....	R. C. of A.
West Kyska.....	WJOU	300,600	PG	do.....	Do.
Westlake.....	WTH	300,378,600	PG	do.....	S. O. R. S.
Westland.....	KJX	300,450,600	PG	do.....	Do.
West Lashaway.....	WREA	300,600	PG	do.....	Do.
West Lianga.....	KJAO	300,376,600	PG	do.....	I. W. T. Co.
West Loquassuck.....	WJOI	300,600	PG	do.....	S. O. R. S.
West Madaket.....	WJOO	300,600	PG	do.....	I. W. T. Co.
West Mahomet.....	WTUU	300,600	PG	do.....	S. O. R. S.
West Mahwah.....	KUTC	300,450,600	PG	do.....	I. W. T. Co.
West Maximus.....	KEDQ	300,600	PG	do.....	Do.
Westmead.....	WDIO	300,600	PG	do.....	R. C. of A.
West Mingo.....	KORB	300,600	PG	do.....	S. O. R. S.
West Modus.....	KENK	300,600	PG	do.....	I. W. T. Co.
West Montop.....	KOTR	300,600	PG	do.....	S. O. R. S.
Westmoreland.....	KIQC	300,600	PG	do.....	I. W. T. Co.
Westmount.....	KBUO	300,600	PG	do.....	R. C. of A.
West Munham.....	KEXF	300,600	PG	do.....	S. O. R. S.
West Neris.....	KOTK	300,600	PG	do.....	I. W. T. Co.
West Niger.....	KOZJ	300,476,600	PG	do.....	R. C. of A.
West Nilus.....	KUFJ	300,450,600	PG	do.....	S. O. R. S.
West Nivaria.....	KUQJ	300,450,600	PG	do.....	Do.
West Nohno.....	KEXG	300,600	PG	do.....	I. W. T. Co.
West Nomentum.....	KUSG	300,600	PG	do.....	R. C. of A.
West Norranus.....	KUVZ	300,600	PG	do.....	I. W. T. Co.
West Nosska.....	KEDV	300,600	PG	do.....	R. C. of A.
West Notus.....	KDAM	300,600	PG	do.....	Do.
Westoil.....	KIVP	300,600	PG	Standard Oil Co. of N. J.	Do.
West Pocasset.....	KOCK	300,600	PG	U. S. S. B.....	S. O. R. S.
West Point.....	KJY	300,450,600	PG	Neptune Line (Inc.)	R. C. of A.
Westpool.....	WROA	300,450,600	PG	U. S. S. B.....	Do.
Westport.....	WFEO	300,450,600	PG	do.....	Do.
West Quechee.....	KEDT	300,600	PG	do.....	Do.
West Raritans.....	KIXC	300,600	PG	do.....	Do.
West Saginaw.....	KOCV	300,600	PG	do.....	Do.
West Segovia.....	KIPK	300,600	PG	do.....	S. O. R. S.
West Selene.....	KIXZ	300,600	PG	do.....	I. W. T. Co.
West Sequana.....	WSOI	300,450,600	PG	do.....	Do.
West Shore.....	WMD	300,450,600	PG	do.....	R. C. of A.
West Tacook.....	KECR	300,600	PG	do.....	I. W. T. Co.
West Togus.....	KEXJ	300,600	PG	do.....	Do.
West Totant.....	KEXK	300,600	PG	do.....	Do.
West Vaca.....	KEMX	300,600	PG	do.....	R. C. of A.
West View.....	WDIU	300,600	PG	do.....	S. O. R. S.
Westward Ho.....	WKX	300,600	PG	do.....	Do.
West Wauna.....	WSUE	300,600	PG	do.....	Do.
West Wauneke.....	WSUI	300,600	PG	do.....	I. W. T. Co.
Westwego.....	KGE	300,450,600	PG	Union Petroleum Steamship Co.	R. C. of A.
West Wind.....	KJH	300,600	PG	U. S. S. B.....	S. O. R. S.
Westwood.....	WTF	300,478,600	PG	do.....	Do.
West Zeda.....	WKUU	300,600	PG	do.....	I. W. T. Co.
West Zucker.....	WJIA	300,600	PG	do.....	S. O. R. S.
West Zula.....	WQEO	300,600	PG	do.....	I. W. T. Co.
W. F. Burrows.....	WHG	300,425,525,600	PG	Libby, McNeill & Libby	S. O. R. S.
W. F. White.....	WGC	300,600	PG	Limestone Transportation Co.	R. C. of A.
Wheatland Montana.....	KISF	300,600	PG	U. S. S. B.....	Do.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Wheaton.....	WMUA	300,600	PG	U. S. S. B.....	R. C. of A.
Wheeling Mold.....	KUNM	300,450,600	PG	do.....	I. W. T. Co.
Whitemarsh.....	KOMG	300,600	P	F. R. Payne.....	F. T. Co.
Whittier.....	WHT	300,600,1800	PG	T. A. Hays.....	R. C. of A.
W. H. Tilford.....	KPD	300,600	PG	Standard Oil Co. of N.J.	Do.
Wicasta.....	KJG	300,600	PG	U. S. S. B.....	Owner of vessel.
Wico.....	KNN	300,600	PG	Standard Oil Co. of N.J.	I. W. T. Co.
Widgeon.....	KOSB	300,600	PG	Widgeon Co. (Inc.).....	R. C. of A.
Winaha.....	WDEA	300,600	PG	U. S. S. B.....	Do.
Wild Duck.....	KYG	300,450,600	PG	Gulf Refining Co.....	Owner of vessel.
Wild Goose.....	KOTS	300,600	PG	Wild Goose Co. (Inc.).....	S. O. R. S.
Wildwood.....	KORV	300,600	PG	U. S. S. B.....	R. C. of A.
Wilhelmina.....	WMO	300,450,600	PG	Matson Navigation Co.	Do.
Wilhelm Jebsen.....	WNQ	300,450,600	PG	U. S. S. B.....	Do.
Williamette.....	WSW	300,600	PG	Williamette S. S. Co.....	Do.
Willfaro.....	KITX	300,600	PG	Williams S. S. Co. (Inc.)	Do.
William A. McKenney.....	WOM	300,600	PG	Crowell & Thurlow S. S. Co.	Do.
William A. Reiss.....	WNI	300,600	PG	Reiss S. S. Co.....	Do.
William A. Whitney.....	KUSS	300,600	PG	Whitney Bros. Co.....	Do.
William B. Livingstone.....	KDAQ	300,600	PG	Montreal Transit Co.....	Do.
William G. Mather.....	KKUI	300,450,600	PG	Cleveland Cliffs Iron Co.	Do.
William Green.....	WIY	300,450,600	PG	Pan-American Petroleum & Transport Co.	Do.
William H. Webb.....	KOZV	300,600	PG	U. S. S. B.....	S. O. R. S.
William Isom.....	KVY	300,450,600	PG	American-Italian Commercial Corp.	R. C. of A.
William M. Mills.....	KEJT	300,600	PG	William M. Mills.....	I. W. T. Co.
William N. Page.....	WFOO	300,600	PG	Castner, Curran & Bullitt.....	R. C. of A.
Williamantic.....	KMIO	300,600	PG	U. S. S. B.....	S. O. R. S.
Willpolo.....	KOBM	300,600	PG	Williams S. S. Co.....	R. C. of A.
Wilcox.....	WFAO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Windber.....	WFD	300,450,600	PG	Pacific-American Fisheries.	R. C. of A.
Winding Gulf.....	WFEE	300,600	PG	Castner, Curran & Bullitt.....	Do.
Winifred.....	KTE	300,600	PG	Gulf Refining Co.....	I. W. T. Co.
Winnebago.....	KTEI	300,450,525,600	PG	American Transatlantic Co.	Owner of vessel.
Winona.....	KUNV	300,450,600	PG	U. S. S. B.....	R. C. of A.
Winona County.....	KIZR	300,600	PG	do.....	Do.
Winston-Salem.....	KUJS	300,600	PG	do.....	S. O. R. S.
Winyah.....	KIMM	300,600	PG	do.....	Do.
Wishkah.....	KNEU	300,600	PG	do.....	Do.
Wisla.....	KOTP	300,600	PG	Polish-American Nav. Corp.	R. C. of A.
Wisteria.....	KOJN	300,600	PG	Foreign & Domestic Transportation Corp.	Do.
W. K. Bixby.....	KURJ	300,600	PG	American S. S. Co.....	Do.
W. L. Steed.....	WSEE	300,600	PG	U. S. S. B.....	Do.
W. M. Burton.....	KMIU	300,600	PG	Atlantic Refining Co.....	Do.
Wm. F. Herrin.....	WTN	300,600,1800	PG	Associated Oil Co.....	F. T. Co.
Wm. G. Warden.....	KNF	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
W. M. Irish.....	KJOE	300,600	PG	Atlantic Refining Co.....	Do.
W. M. Tupper.....	WJR	300,600	PG	Gulf & Southern Steamship Co.	Do.
Wonahbe.....	KIBX	300,600	PG	U. S. S. B.....	Do.
Woodman.....	KIBP	300,600	PG	do.....	I. W. T. Co.
Woodmansie.....	KIPF	300,600	PG	do.....	S. O. R. S.
Woonsocket.....	WCW	300,450,600	PG	do.....	R. C. of A.
Worcester.....	KIKL	300,600	PG	do.....	S. O. R. S.
Woudrichem.....	KGIU	300,600	PG	Universal Transportation Co.	I. W. T. Co.
Woyaca.....	KETK	300,600	PG	U. S. S. B.....	S. O. R. S.
W. S. Porter.....	WTM	300,600,1800	PG	Associated Oil Co.....	F. T. Co.
W. S. Rheem.....	WGAO	300,600	PG	U. S. S. B.....	R. C. of A.
Wyandotte.....	WCO	300,500,600	PG	Wyandotte Transportation Co.	Do.
Wyandotte.....	WJW	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Wye.....	KERS	300,600	PG	do.....	Do.
Wynooche.....	KFE	300,600	PG	U. S. S. B.....	R. C. of A.
Wyoming.....	KQT	300,450,600	PG	France & Canada S. S. Corp.	Do.
Wytheville.....	KITL	300,600	PG	U. S. S. B.....	Do.

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COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Xenia.....	KOLQ	300,450,600	PG	Foreign & Domestic Transportation Corp.	R. C. of A.
Yadkin.....	KWL	300,600	PG	U. S. S. B.....	Do.
Yainax.....	WXAE	300,600	PG	do.....	S. O. R. S.
Yakima.....	KNUI	300,600	PG	do.....	I. W. T. Co.
Yaklok.....	KIGX	300,600	PG	do.....	Do.
Yamhill.....	WVIE	300,600	PG	do.....	Do.
Yaquina.....	KENF	300,600	PG	do.....	R. C. of A.
Yawah.....	KEDF	300,600	PG	do.....	I. W. T. Co.
Yellowstone.....	KJEE	300,600	PG	do.....	S. O. R. S.
Yesoking.....	KERQ	300,600	PG	do.....	Do.
Yomachichi.....	WPAI	300,600	PG	do.....	R. C. of A.
York Harbor.....	KOJB	300,600	PG	do.....	Do.
Yosemite.....	KYS	300,476,600	PG	do.....	Do.
Yosemite.....	WQY	300,600	PG	Pope & Talbot Co.....	S. O. R. S.
Youngstown.....	KIFX	300,600	PG	U. S. S. B.....	Do.
Yuca.....	KWJ	300,600	PG	do.....	R. C. of A.
Yukon.....	WXEU	300,600	PG	do.....	I. W. T. Co.
Yuma.....	WJAI	300,600	PG	Tropical Fruit Co.....	Do.
Zaca.....	WKO A	300,600	PG	U. S. S. B.....	T. R. T. Co.
Zacapa.....	KLE	300,450,600	PG	United Fruit Co.....	S. O. R. S.
Zapora.....	WPQ	300,600	PG	Booth Fisheries Co.....	I. W. T. Co.
Zarembo.....	KICS	300,600	PG	Nacirema S. S. Corp.....	R. C. of A.
Zavalla.....	KEVC	300,450,600	PG	do.....	Do.
Zenith.....	KZE	300,600	P	Charles Longstreth.....	I. W. T. Co.
Zirkel.....	WREO	300,600	PG	U. S. S. B.....	R. C. of A.
Zulia.....	KDZ	300,450,600	PG	Atlantic & Caribbean Steam Navigation Co.	

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Station.	Call signal.	Station.
KBAA	Lake Ontario.....b	KEBS	Jekyl.....b
KBAI	Lake Bridge.....b	KEBT	Nesco.....b
KBAU	Lake Superior.....b	KEBV	Lake Flushing.....b
KBAU	Lakeshore.....b	KEBX	Remus.....b
KBEA	Lake Weir.....b	KEBZ	The Lambs.....b
KBEE	Lakeview.....b	KEC	Concho.....b
KBFI	Lake Dunmore.....b	KECB	Edenton.....b
KBEO	Lake George.....b	KECC	Marshfield.....b
KBEU	Ardena.....b	KECF	Cawker.....b
KBIA	Fort George.....b	KECG	Chicago Bridge.....b
KBOE	Artisan.....b	KECJ	Decatur Bridge.....b
KBOO	Lakewood.....b	KECK	Hico.....b
KBOU	Lakeland.....b	KECL	Opelika.....b
KBUA	Lake Traverse.....b	KECM	Lake Gitano.....b
KBUE	Lake Stirling.....b	KECN	Lake Fannin.....b
KBUI	Vittorio Emmanuele III.....b	KECR	West Tacook.....b
KBUO	Westmount.....b	KECS	Duquesne.....b
KBUU	Westboro.....b	KECT	Horado.....b
KCAE	Chetopa.....b	KECV	Lake Flynn.....b
KCOE	Nipsic.....b	KECX	West Imboden.....b
KDA	Philadelphia.....b	KECZ	Ahala.....b
KDAB	Hog Island, Pa.....c	KEDB	Balosaro.....b
KDAC	Sinasta.....b	KEDC	Dalgada.....b
KDAD	Agwisun.....b	KEDD	Acrema.....b
KDAF	Peconic.....b	KEDF	Yawah.....b
KDAG	M. Mitchell Davis.....b	KEDG	Kamesit.....b
KDAH	Fairport, Va.....c	KEDK	Onokama.....b
KDAJ	N. & K. No. 2.....b	KEDL	Fame.....b
KDAK	Fish Cannery No. 1.....b	KEDM	Lake Faribault.....b
KDAL	Broxton.....b	KEDN	Lake Fariston.....b
KDAM	West Notus.....b	KEDP	Lake Farley.....b
KDAN	West Kebar.....b	KEDQ	West Maximus.....b
KDAP	West Kedron.....b	KEDR	Western Glen.....b
KDAQ	William B. Livingstone.....b	KEDS	Imufka.....b
KDB	Caracas.....b	KEDT	West Quechee.....b
KDD	Cartago.....b	KEDV	West Nosska.....b
KDE	Carrillo.....b	KEDX	West Hardaway.....b
KDEA	Lake Fernwood.....b	KEDZ	West Hargrave.....b
KDF	Coppename.....b	KEE	West Catanace.....b
KDG	Parismina.....b	KEF	Henry R. Mallory.....b
KDHI	Heredia.....b	KEFB	Sac City.....b
KDI	Abangarez.....b	KEFC	West Camifax.....b
KDJ	San Jose.....b	KEFD	Bar Harbor.....b
KDK	Atenas.....b	KEFF	Tanka.....b
KDL	Levisa.....b	KEFJ	Copalgrove.....b
KDM	Maracaibo.....b	KEFK	Cerro Gardo.....b
KDO	Esparta.....b	KEFL	Chamberino.....b
KDOI	Consort.....b	KEFM	Lake Inaha.....b
KDQ	Santore.....b	KEFN	Lake Friar.....b
KDR	Limon.....b	KEFO	Lake Frio.....b
KDS	Sixtola.....b	KEFQ	Western Knight.....b
KDT	Turrialba.....b	KEFS	Ossining.....b
KDV	Libby Maine.....b	KEFS	West Harlan.....b
KDW	Nakat Inlet, Alaska.....c	KEFT	City of Eureka.....b
KDX	Firmore.....b	KEFX	West Harshaw.....b
KDY	Walter D. Noyes.....b	KEFZ	West Harts.....b
KDZ	Zulia.....b	KEG	Rio Grande.....b
KEA	Phyllis.....b	KEGB	Morganza.....b
KEB	Sabine.....b	KEGC	Bristol.....b
KEBC	Nehalem.....b	KEGF	Eclipse.....b
KEBD	Abron.....b	KEGG	Chamblee.....b
KEBF	Edgefield.....b	KEGJ	Chaparel.....b
KEBG	Fort Stevens.....b	KEGK	Chantier.....b
KEBJ	Fort Scott.....b	KEGL	Lake Foxcroft.....b
KEBK	Fort Smith.....b	KEGM	Dirigo.....b
KEBL	Fort Sill.....b	KEGN	Lake Frolono.....b
KEBM	Lake Giltedge.....b	KEGP	Lake Frugality.....b
KEBN	Lake Girth.....b	KEGQ	Saluda.....b
KEBP	Lake Farabee.....b	KEGR	Lake Frohna.....b
KEBQ	West Henshaw.....b	KEGS	West Hartland.....b
KEBR	Lake Strabo.....b	KEGT	West Hartley.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KEGX	West Hassayampa.....	KENJ	West Compo.....
KEH	Nueces.....	KENK	West Modus.....
KEI	Medina.....	KENL	Boone.....
KEJ	Alamo.....	KENM	Coverun.....
KEJB	Kokomo.....	KENN	Cowan.....
KEJD	Easterling.....	KENP	Lake Elkwood.....
KEJF	Western Ally.....	KENQ	Ballew.....
KEJG	Lake Fraichur.....	KENR	Itompa.....
KEJJ	Lake Fraley.....	KENS	Cabrille.....
KEJK	Lake Grainger.....	KENT	Lake Frecks.....
KEJL	Lake Grama.....	KENV	Ballcamp.....
KEJN	Lake Fanbush.....	KENX	Clincho.....
KEJP	Lake Faulk.....	KENZ	Banaran.....
KEJQ	Cabegon.....	KEP	Lampasas.....
KEJS	West Amargosa.....	KEPB	Fort Leavenworth.....
KEJT	William M. Mills.....	KEPC	Burnwood.....
KEJV	Faraby.....	KEPD	Diablo.....
KEJX	Transportation.....	KEPF	Mercer.....
KEK	San Marcos.....	KEPG	Agwistar.....
KEKB	East Wind.....	KEPJ	Brevard.....
KEKC	Norma.....	KEPK	Briarcliffe.....
KEKD	West Cobalt.....	KEPL	Aledo.....
KEKF	Berela.....	KEPM	Lake Elkwater.....
KEKG	Lake Grampian.....	KEPN	Lake Ellendale.....
KEKJ	Lake Grampus.....	KEPP	Lake Ellenorah.....
KEKL	Saguache.....	KEPQ	Proctor.....
KEKM	Lake Fansdale.....	KEPR	Sahale.....
KEKN	Lake Fanquier.....	KEPS	Laxy Bay, Alaska.....
KEKP	Lake Furlough.....	KEPT	Saco.....
KEKQ	Castle Wood.....	KEPV	Wallingford.....
KEKR	Homestead.....	KEPX	Alcis.....
KEKS	Tartar.....	KEPZ	Alector.....
KEKT	Oscoda.....	KEQ	Port Walter, Alaska.....
KEKV	Neabsco.....	KEQB	Dallas.....
KEKX	Batanes.....	KEQC	Barugo.....
KEKZ	Bluffton.....	KEQD	Bolikow.....
KEL	Isonomia.....	KEQE	Banicaa.....
KELB	North Pole.....	KEQG	Baldridge.....
KELC	Polar Star.....	KEQJ	Baldrock.....
KELD	Albatross.....	KEQK	Belvidere.....
KELF	Eldora.....	KEQL	Nemassa.....
KELG	Buckhannon.....	KEQM	Lake Ellerslie.....
KELJ	Berea.....	KEQN	Lake Ellicott.....
KELK	West Elajon.....	KEQP	Lake Festinia.....
KELL	Boonsborough.....	KEQQ	Aculeo.....
KELM	Lake Fernando.....	KEQR	Galahad.....
KELN	Lake Ferrona.....	KEQS	Callao.....
KELP	Lake Fessenden.....	KEQV	Pisco.....
KELQ	Prusa.....	KEQX	Salaverry.....
KELR	Cochin.....	KER	H. M. Flagler.....
KELS	Damacan.....	KERB	Barias.....
KELT	Dardora.....	KERC	Batino.....
KELV	Obak.....	KERD	Katonah.....
KELX	Oyaka.....	KERF	Star of Greenland.....
KELZ	Nawitka.....	KERG	Shooters Island.....
KEM	Comal.....	KERJ	West Eral.....
KEMB	Ethelmute.....	KERK	Utoke.....
KEMC	Awensdaw.....	KERL	Ganeri.....
KEMD	Birchleaf.....	KERM	Lake Festus.....
KEMF	Guilford.....	KERN	Lake Fibre.....
KEMG	Susanna II.....	KERP	Lake Fielding.....
KEMJ	Panay.....	KERQ	Yesoking.....
KEMK	Hoxie.....	KERR	Benoni.....
KEML	Jacox.....	KERS	Wye.....
KEMM	Covalt.....	KERT	Bethelridge.....
KEMN	Covedale.....	KERX	Miller County.....
KEMP	Covena.....	KERZ	Cecil County.....
KEMQ	Finback.....	KES	San Jacinto.....
KEMR	Oraton.....	KESB	Lake Foxboro.....
KEMT	Tavernilla.....	KESC	Sacandaga.....
KEMV	Santurce.....	KESD	Castle Point.....
KEMX	West Vaca.....	KESF	Arambi.....
KEN	Ballenas.....	KESG	Sapinero.....
KENB	H. F. Dimock.....	KESJ	West Carruth.....
KENC	Tyce.....	KESK	Lake Flovilla.....
KEND	East Cape.....	KESL	Cowardin.....
KENF	Triumph.....	KESM	Lake Fife.....
KENG	Yaquina.....	KESN	Lake Figart.....
	West Avenal.....	KESP	Lake Fighting.....

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KESQ	Bidwell.....b	KFB	City of Atlanta.....b
KESR	Hampton Roads.....b	KFD	Lake Janet.....b
KESV	City of Freeport.....b	KFE	Wynooche.....b
KESX	D'Arbonne.....b	KFEO	Monana.....b
KESZ	Henry Clay.....b	KFF	Frieda.....b
KET	Bolinas, Calif. (transmitting).....c	KFG	Feltore.....b
	(Marshall, Calif. (receiving).....c	KFH	West Ashawa.....b
KETC	Quapaw.....b	KFI	I. D. Fletcher.....b
KETD	Quemakoning.....b	KFJ	City of Augusta.....b
KETF	Esopus.....b	KFK	City of Savannah.....b
KETJ	Moss Point.....b	KFL	Maryanne.....b
KETK	Woyaca.....b	KFM	Mahnet.....b
KETL	Bonneteere.....b	KFN	Tormenter.....b
KETM	Askawake.....b	KFO	Buccaneer.....b
KETN	Edgehill.....b	KFP	Nacoochee.....b
KETP	Edgemont.....b	KFQ	Owego.....b
KETQ	Arundel.....b	KFT	Tasco.....b
KETR	Aspenhill.....b	KFV	Borinquen.....b
KETS	Boxbutte.....b	KFW	Freedom.....b
KETT	Boykin.....b	KFX	City of St. Louis.....b
KETV	Joan of Arc.....b	KFY	City of Montgomery.....b
KETX	Georgina Rolph.....b	KGA	Coamo.....b
KETZ	Annette Rolph.....b	KGAE	New Windsor.....b
KEU	S. V. Harkness.....b	KGB	Baganito.....b
KEVB	Osawatomie.....b	KGD	Suruga.....b
KEVC	Zavalla.....b	KGE	Westwego.....b
KEVD	West Corum.....b	KGIU	Woudrichem.....b
KEVF	Edgemoor.....b	KGJ	San Juan.....b
KEVG	Eldena.....b	KGK	Edgar F. Luckenbach.....b
KEVJ	Fort Seward.....b	KGL	Dochra.....b
KEVL	Grayling.....b	KGM	Mexicano.....b
KEVM	Nishmaha.....b	KGOE	Lake Harney.....b
KEVN	Osaquamsick.....b	KGP	Ponce.....b
KEVP	Ozette.....b	KGQ	Edward Luckenbach.....b
KEVR	Hartwood.....b	KGR	Cambridge.....b
KEVS	Chappell.....b	KGS	Senator Bailey.....b
KEVT	Schodaack.....b	KGT	J. L. Luckenbach.....b
KEVV	Schoharie.....b	KGUE	Caribbean.....b
KEVX	Tollard.....b	KGUI	Apex.....b
KEVZ	Lake Faresman.....b	KGV	Fred'k Luckenbach.....b
KEX	Josiah Macy.....b	KGW	Isabela.....b
KEXB	McKeesport.....b	KGX	Sewells Point.....b
KEXC	Puyallup.....b	KGZ	Julia Luckenbach.....b
KEXD	Elihu Thomson.....b	KHA	Uyak, Alaska.....c
KEXE	West Munham.....b	KHB	Kvichak, Alaska.....c
KEXG	West Nohno.....b	KHC	Chignik, Alaska.....c
KEXJ	West Togus.....b	KHD	Stanwood.....c
KEXK	West Totant.....b	KHE	Lake Silver.....b
KEXL	Lake Folcroft.....b	KHF	Snag Point, Alaska.....c
KEXM	Wawalona.....b	KHG	Clarks Point, Alaska.....c
KEXN	Moline.....b	KHK	Wahiawa, Hawaii.....c
KEXQ	South Bend.....b	KHL	Lahaina, Hawaii.....c
KEXR	Grand Haven.....b	KHM	Lihue, Hawaii.....c
KEXS	Milwaukee.....b	KHN	Kawaihae, Hawaii.....c
KEXT	Peter H. Crowell.....b	KHO	Kaunakakai, Hawaii.....c
KEXV	Hoven.....b	KHP	Mangore.....b
KEXX	West Cajoot.....b	KHR	J. W. Van Dyke.....b
KEXZ	Glymont.....b	KHS	H. C. Folger.....b
KEY	Cape Edwards, Alaska.....c	KHT	Naknek, Alaska.....c
KEZ	Brazos.....b	KHU	Lake Ogden.....b
KEZB	Lake Sapor.....b	KHV	Lake Jessup.....b
KEZC	Lake Fonda.....b	KHW	Lake Charles.....b
KEZD	Lake Fontana.....b	KHY	K. I. Luckenbach.....b
KEZF	Lake Fontanet.....b	KHZ	Mystic.....b
KEZJ	Lake Gilboa.....b	KIA	Ardmore.....b
KEZK	Lake Gilpen.....b	KIB	Muskogee.....b
KEZL	Lake Gilta.....b	KIBB	Lake Glebe.....b
KEZM	West Harcuvar.....b	KIBC	Silverbrook.....b
KEZN	West Hembrie.....b	KIBD	Shenandoah.....b
KEZP	West Hematite.....b	KIBF	Milwaukee Bridge.....b
KEZQ	Glyndon.....b	KIBG	National Bridge.....b
KEZR	West Celina.....b	KIBJ	Passaic Bridge.....b
KEZS	Brookside.....b	KIBK	Opequan.....b
KEZT	Gray Eagle.....b	KIBL	Masca.....b
KEZX	Mannahocking.....b	KIBM	Sophie Frankel.....b
KEZZ	Poughkeepsie.....b	KIBN	Santa Malta.....b
KFA	City of Columbus.....b	KIBP	Woodman.....b
KFAI	Glendola.....b	KIBQ	Saugus.....b
KFAO	Glendoyle.....b	KIBR	Craftsman.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KIBS	Braxton.....b	KIH	Corning.....b
KIBT	Corvallis.....b	KII	Evangeline.....b
KIBV	Brentwood.....b	KIJ	Acme.....b
KIBX	Wonahbe.....b	KIJB	Lake Candelaria.....b
KIBZ	Byfield.....b	KIJC	Balsam.....b
KIC	Standard.....b	KIJD	Barrenfark.....b
KICB	Bushrod.....b	KIJF	Barryton.....b
KICC	Butte.....b	KIJG	Wicasta.....b
KICD	Dardania.....b	KIJJ	Sabotawan.....b
KICF	Datis.....b	KIJK	Kisnop.....b
KICG	Dertona.....b	KIJL	Edellyn.....b
KICJ	Diana.....b	KIJM	Schroon.....b
KICK	Deva.....b	KIJN	Knoxville.....b
KICM	Edgewood.....b	KIJP	Montgomery.....b
KICN	Eldridge.....b	KIJQ	Hoxbar.....b
KICP	West Islay.....b	KIJR	Barstow.....b
KICQ	West Isleta.....b	KIJS	Butterfield.....b
KICR	Gaffney.....b	KIJT	Buttercup.....b
KICS	Zaremba.....b	KIJV	Bethlehem Bridge.....b
KICT	Sea Bird.....b	KIJX	Brasher.....b
KICV	Gunston Hall.....b	KIJZ	Dade County.....b
KICX	Alta.....b	KIK	Westerner.....b
KICZ	Admiral Evans.....b	KIKB	Hillsborough County.....b
KID	Matinecock.....b	KIKC	Jackson.....b
KIDB	Lake Granby.....b	KIKD	Johnson City.....b
KIDC	Satartia.....b	KIKF	Jefferson County.....b
KIDD	West Alcoz.....b	KIKG	St. Johns County.....b
KIDF	Hegira.....b	KIKJ	St. Augustine.....b
KIDJ	Mulpua.....b	KIKK	Shortsville.....b
KIDK	Borad.....b	KIKL	Worcester.....b
KIDL	Genesee.....b	KIKM	West Kasson.....b
KIDM	Anniston.....b	KIKN	Mendora.....b
KIDN	Chattanooga.....b	KIKP	Moosabee.....b
KIDP	Louisville Bridge.....b	KIKQ	Ambridge.....b
KIDQ	Schoodic.....b	KIKR	Clairton.....b
KIDR	Romulus.....b	KIKS	Argenta.....b
KIDS	Lake Canaveral.....b	KIKT	Evansville.....b
KIDT	Barrallton.....b	KIKV	Bon Secour.....b
KIDV	Waukau.....b	KIKX	West Islip.....b
KIDX	Waukegan.....b	KIKZ	Clio.....b
KIDZ	Orleans.....b	KIL	Hewitt.....b
KIE	(Kahuku, Hawaii (transmitting)).....c	KILB	Clodia.....b
KIFB	Koko Head, Hawaii (receiving).....c	KILC	Himoto.....b
KIFC	West Irmo.....b	KILD	Asotin.....b
KIFD	Hukey.....b	KILF	Elmsport.....b
KIFE	West Cavanal.....b	KILG	Edisto.....b
KIFF	Alderman.....b	KILJ	Edmore.....b
KIFG	Favorite.....b	KILK	Colorado Springs.....b
KIFJ	Kishacoquillas.....b	KILL	City of Spokane.....b
KIFK	Chautauqua.....b	KILM	Waxahachie.....b
KIFL	Delphine.....b	KILN	Neshaminy.....b
KIFN	Humrick.....b	KILP	Meriden.....b
KIFP	West Conob.....b	KILQ	Shaume.....b
KIFQ	Bound Brook.....b	KILR	Scantic.....b
KIFR	Barranca.....b	KILS	Filkwater.....b
KIFS	Kimta.....b	KILT	West Calumb.....b
KIFT	Angelina.....b	KILV	Ipswich.....b
KIFV	Andrea F. Luckenbach.....b	KILX	Monasses.....b
KIFX	Youngstown.....b	KILZ	West Cawthon.....b
KIFZ	Lorain.....b	KIM	Latouche, Alaska.....c
KIG	Pioneer.....b	KIMB	Tuckanuck.....b
KIGB	Lake Glencoe.....b	KIMC	Tripp.....b
KIGC	Humaconna.....b	KIMD	Deer Lodge.....b
KIGD	Hulver.....b	KIMG	West Chetac.....b
KIGF	Seekonk.....b	KIMJ	Cushnoc.....b
KIGG	Walden.....b	KIMK	Vacuum II.....b
KIGJ	Director.....b	KIML	Santa Leonora.....b
KIGK	Intan.....b	KIMM	Winyah.....b
KIGL	Polybius.....b	KIMN	Salvation Lass.....b
KIGM	Lake Farlin.....b	KIMP	Pontchartrain.....b
KIGN	Atlantus.....b	KIMQ	East Side.....b
KIGP	Gratia.....b	KIMR	Dochet.....b
KIGQ	Santa Elisa.....b	KIMS	Burnwell.....b
KIGR	Blair.....b	KIMT	Mount Evans.....b
KIGS	Harry Luckenbach.....b	KIMV	Lake Cannonsburg.....b
KIGT	Besemer.....b	KIMX	Orinoco.....b
KIGV	Battonville.....b	KIMZ	Pipestone County.....b
KIGX	Yaklok.....b	KIN	Patrol.....b
KIGZ	Ashbee.....b	KINB	Ogontz.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KINC	Hyannis.....b	KISN	Lake Fagundus.....b
KINF	Costigan.....b	KISP	Lake Fairlie.....b
KING	Watertown.....b	KISQ	Afel.....b
KINJ	Lake Fabyan.....b	KISR	City of Fairbury.....b
KINK	Lake Glasco.....b	KISS	Liberty Land.....b
KINL	Pere Marquette 8.....b	KIST	Laborer.....b
KINM	Lehigh.....b	KISV	Asquam.....b
KINN	West Ison.....b	KISX	Lake Farrar.....b
KINP	West Hepburn.....b	KIT	Tiger.....b
KINQ	Ealbeck.....b	KITB	Lake Falama.....b
KINR	Olen.....b	KITC	Babboosc.....b
KINS	Boston Bridge.....b	KITF	Firthcliffe.....b
KINT	Bay Head.....b	KITG	Kittegaun.....b
KINV	Calno.....b	KITJ	Innoko.....b
KINX	Davidson County.....b	KITK	Bellbuckle.....b
KINZ	Pawtucket.....b	KITL	Wytheville.....b
KIO	Bryahilda.....b	KITM	Betsy Bell.....b
KIP	General W. C. Gorgas.....b	KITN	Nameaug.....b
KIPB	Assinippi.....b	KITP	Lake Gadsden.....b
KIPC	Pontia.....b	KITQ	Lake Singara.....b
KIPD	Walkkill.....b	KITR	Keshena.....b
KIPF	Woodmansie.....b	KITS	Kiokee.....b
KIPG	Doylestown.....b	KITT	Kiron.....b
KIPJ	West Chatala.....b	KITV	Kitchi.....b
KIPK	West Segovia.....b	KITX	Willfaro.....b
KIPL	Pyramus.....b	KITZ	West Inskip.....b
KIPM	Utina.....b	KIU	Western Hero.....b
KIPN	Lake Gazette.....b	KIVB	Minnequa.....b
KIPP	American Star.....b	KIVC	Kewanee.....b
KIPQ	Lake Fablus.....b	KIVD	Marina.....b
KIPR	S. B. Hunt.....b	KIVF	Lightburne.....b
KIPS	Geo. H. Jones.....b	KIVG	Mercer Victory.....b
KIPT	Edna.....b	KIVJ	Hatchie.....b
KIPV	Luxpallie.....b	KIVK	Traveller.....b
KIPX	Maiden Creek.....b	KIVM	Lake Fear.....b
KIPZ	Lake Farmingdale.....b	KIVN	Explorer.....b
KIQ	Astral.....b	KIVP	Westoil.....b
KIQB	Belfort.....b	KIVQ	Huguenot.....b
KIQC	Westmoreland.....b	KIVR	Devolente.....b
KIQD	Canumset.....b	KIVS	Delfina.....b
KIQF	Cotati.....b	KIVT	Delisle.....b
KIQG	West Aleta.....b	KIVV	West Cactus.....b
KIQJ	Fort Logan.....b	KIVX	Guardsmen.....b
KIQK	Cold Spring.....b	KIVZ	Custodian.....b
KIQL	Cleopatra.....b	KIXB	West Cheswald.....b
KIQM	Nedmac.....b	KIXC	West Raritans.....b
KIQN	Lake Farragut.....b	KIXD	Lackawanna Valley.....b
KIQP	Lake Fackler.....b	KIXF	Ablanset.....b
KIQQ	Thala.....b	KIXG	Asabeth.....b
KIQR	Hugoton.....b	KIXJ	Fourth Alabama.....b
KIQS	Bathgate.....b	KIXK	Lafcom.....b
KIQT	Bathalum.....b	KIXL	Lebanon.....b
KIQV	Corson.....b	KIXM	Lockport.....b
KIQX	Flmor Spar.....b	KIXN	Lordship Manor.....b
KIR	Eagle.....b	KIXP	Nonantum.....b
KIRB	Lake Farber.....b	KIXQ	Putnam.....b
KIRC	Newton.....b	KIXR	Tulsa.....b
KIRF	West Cayote.....b	KIXS	Abraham Lincoln.....b
KIRG	New Britain.....b	KIXT	Lake Flagon.....b
KIRJ	Lake Frumet.....b	KIXV	Champion.....b
KIRK	Sharon.....b	KIXX	Wekika.....b
KIRM	Arenas.....b	KIXZ	West Selene.....b
KIRN	Haddon.....b	KIZB	Delco.....b
KIRP	Waco.....b	KIZC	Bakersfield.....b
KIRQ	Delavan.....b	KIZD	Barthney.....b
KIRR	Cambridge.....b	KIZF	Buffalo Bridge.....b
KIRS	John Ena.....b	KIZG	Parksville.....b
KIRT	Derbyline.....b	KIZJ	Dauperata.....b
KIRV	Lake Fairfax.....b	KIZK	Katherine.....b
KIRX	Casper.....b	KIZL	Avalon.....b
KIRZ	Glen Ridge.....b	KIZM	Lake Flagstaff.....b
KIS	Marshall, Alaska.....c	KIZN	Lake Flambeau.....b
KISB	Conewago.....b	KIZP	Shickshinny.....b
KISC	Orcus.....b	KIZQ	Bannack.....b
KISD	Seattle Spirit.....b	KIZR	Winona County.....b
KISF	Wheatland Montana.....b	KIZS	Vincent.....b
KISG	Elkridge.....b	KIZT	Algonquin.....b
KISJ	Stanley.....b	KIZV	Imlay.....b
KISK	West Keene.....b	KIZX	Labette.....b
KISM	Baldbutte.....b	KIZZ	Rockaway Park.....b

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COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS— Continued.

Call signal.	Station.	Call signal.	Station.
KJA	Jualin, Alaska.....c	KKQ	El Sud.....b
KJAA	Chebaulip.....b	KKR	Creole.....b
KJAE	West Indian.....b	KKS	El Siglo.....b
KJAI	West Durfee.....b	KKT	El Cid.....b
KJAO	West Lianga.....b	KKU	El Mundo.....b
KJAU	West Grove.....b	KKUA	Waycan.....b
KJB	Bushong.....b	KKUI	William G. Mather.....b
KJC	Oconee.....b	KKV	El Oriente.....b
KJD	North Land.....b	KKW	El Valle.....b
KJE	Norlina.....b	KKX	El Occidente.....b
KJEA	Western Ocean.....b	KKY	El Dia.....b
KJEE	Yellowstone.....b	KKZ	El Rio.....b
KJEI	John M. Connelly.....b	KLA	Pastores.....b
KJEU	Santa Luisa.....b	KLAA	Luella.....b
KJF	Carolinian.....b	KLAE	Overbrook.....b
KJG	Eurana.....b	KLAI	Afrania.....b
KJH	West Wind.....b	KLAO	Lake Crystal.....b
KJI	Satsuma.....b	KLAU	Lake Winona.....b
KJIA	Barrington.....b	KL B	Buttonwood.....b
KJIE	Walter A. Luckenbach.....b	KLC	Calamares.....b
KJII	Muscatine.....b	KLD	Fort Worth.....b
KJIO	Paul H. Harwood.....b	KLE	Zacapa.....b
KJIU	Carib.....b	KLEA	Lake Maurepas.....b
KJK	King Cove, Alaska.....c	KLEE	Lake St. Regis.....b
KJL	False Pass, Alaska.....c	KLEI	Lake Allen.....b
KJM	West Cherow.....b	KLEO	Lake Clear.....b
KJN	J. A. Bostwick.....b	KLEU	Lake Pewaukee.....b
KJO	Glorieta.....b	KLF	Metapan.....b
KJOA	Faith.....b	KL G	Santa Marta.....b
KJOE	W. M. Irish.....b	KLH	Saramacca.....b
KJOI	Sturgeon Bay.....b	KLI	Suriname.....b
KJOO	West Bridge.....b	KLIA	Lake Otisco.....b
KJOU	Tuckahoe.....b	KLIE	Lake Como.....b
KJP	Joseph R. Parrott.....b	KLIU	Lake Sunapee.....b
KJT	Waban.....b	KLJ	Beatrice.....b
KJU	Bacoi.....b	KLK	Craster Hall.....b
KJUA	Ice King.....b	KLL	Thompson Falls.....b
KJUE	Radnor.....b	KLM	Bantu.....b
KJUI	Point Lobos.....b	KL N	Abbeville.....b
KJUU	West Alsek.....b	KLO	Santa Rosalia.....b
KJV	West Apaum.....b	KLOE	Lake Hemlock.....b
KJW	West Haven.....b	KLOI	Lakehurst.....b
KJX	O. T. Waring.....b	KLOO	Lake Lida.....b
KJY	Westland.....b	KLOU	Lake Shawano.....b
KJZ	West Point.....b	KLQ	Great Falls, Mont. (Rainbow).....c
KK A	Chincha.....b	KL R	Crofton Hall.....b
KKAA	Yakutat, Alaska.....c	KL T	Howick Hall.....b
KKAE	Sulzer, Alaska.....c	KLU	Charlton Hall.....b
KKAI	Nushagak, Alaska.....c	KLUA	Lake Capens.....b
KKAO	Hawk Inlet, Alaska.....c	KLUE	Lake Sebago.....b
KKAU	Kussilof, Alaska.....c	KLUI	Lake Cayuga.....b
KKB	Avondale.....b	KLUO	Lake Ennis.....b
KKC	El Sol.....b	KLUU	Agarista.....b
KKD	Chalmette.....b	KL V	San Mateo.....b
KKE	Comus.....b	KLW	Port Althorp, Alaska.....c
KKEA	Topila.....b	KLX	Kermanshah.....b
KKEE	Cabeza.....b	KL Y	Deepwater.....b
KK EI	Nanking.....b	KLZ	Speedwell.....b
KKEO	City of Sydney.....b	KMA	Allianca.....b
KKEU	Waukesha.....b	KMAA	Admiral Nicholson.....b
KKF	Mariners Harbor.....b	KMAI	Catherine D.....b
KKG	Torres.....b	KMAO	Kingfisher.....b
KKH	El Almirante.....b	KMAU	Ampetco.....b
KKI	El Capitan.....b	KMB	Amolco.....b
KKIA	Kilkenny.....b	KMD	Cristobal.....b
KKIE	Daca.....b	KME	Pennant.....b
KKII	Forster.....b	KMEI	Orizaba.....b
KKIO	Eyota.....b	KMEO	Cletus Schneider.....b
KKIU	Wasco.....b	KMEU	Pasadena.....b
KKJ	Nacogdoches.....b	KMF	Egegik, Alaska.....c
KKL	West Celeron.....b	KMG	Ekuk, Alaska.....c
KKM	El Alba.....b	KMH	Panama.....b
KKN	Momus.....b	KMI	Tivives.....b
KKO	El Norte.....b	KMIA	Carib.....b
KKOA	Excelsior.....b	KMIE	Cape Henry.....b
KKOE	Biran.....b	KMII	Masuda.....b
KKOO	Lake Annette.....b	KMIT	Williamantic.....b
KKOU	Chimo.....b	KMIU	W. M. Burton.....b
KKP	Wakanna.....b	KMJ	Matoa.....b
	Mahanna.....b	KMK	Naknek, Alaska.....c

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KML	Lockanok, Alaska.....c	KOBP	Bird City.....b
KMM	Panuco.....b	KOBQ	Gonzalis.....b
KMN	Butte, Mont.....c	KOBR	Barwick.....b
KMOE	Accomac.....b	KOBS	Bartolome.....b
KMOI	Eldorado.....b	KOBT	Lake Inglenook.....b
KMOO	Oakland.....b	KOBV	Baldhill.....b
KMOU	Edward Pierce.....b	KOBX	Moshico.....b
KMP	Metha Nelson (moored vessel).....c	KOBZ	Lake Elon.....b
KMQ	Sherman.....b	KOC	Jamestown.....b
KMR	Wellington.....b	KOCB	Lake Savus.....b
KMS	Ancon.....b	KOCC	Epitacio Pessoa.....b
KMT	Libbyville, Alaska.....c	KOCD	Texarkana.....b
KMU	Ugashik, Alaska.....c	KOCF	Nokatay.....b
KMUA	Lake Lasang.....b	KOCG	Lake Fiscus.....b
KMUE	Lake Larga.....b	KOCJ	Aquilo.....b
KMUI	George W. Barnes.....b	KOCK	West Pocasset.....b
KMUO	Fassett.....b	KOCL	Elkhorn.....b
KMUU	Lake Flume.....b	KOCM	Marsodak.....b
KMV	Advance.....b	KOCN	Federal Bridge.....b
KMW	Akutana, Alaska.....c	KOCP	Continental Bridge.....b
KMX	Colon.....b	KOCQ	Clark Mills.....b
KMY	Holden Evans.....b	KOCR	John W. Wells.....b
KMZ	General G. W. Goethals.....b	KOCS	Lake Girardeau.....b
KNA	Dorothy Bradford.....b	KOCT	Hercules.....b
KNAA	Western Sea.....b	KOCV	West Saginaw.....b
KNAE	West Cohas.....b	KOCX	West Jaffrey.....b
KNAI	Western City.....b	KOCZ	Lake Ellsworth.....b
KNAO	Western Chief.....b	KOD	Jefferson.....b
KNAU	Westford.....b	KODB	Nobles.....b
KNB	Lexington.....b	KODC	Sunbeam.....b
KNC	Concord.....b	KODD	Lake Fisher.....b
KND	Plymouth.....b	KODF	West Caddoa.....b
KNE	Clare.....b	KODG	Siletz.....b
KNEA	Western Spirit.....b	KODK	Hathaway.....b
KNEE	Santa Tecla.....b	KODL	Menominee.....b
KNEI	Quinault.....b	KODN	Endicott.....b
KNEU	Wishkah.....b	KODP	Babinda.....b
KNF	Wm. G. Warden.....b	KODQ	Hulaco.....b
KNG	Bradford.....b	KODR	Salem County.....b
KNH	Broekton.....b	KODS	Bellemina.....b
KNI	De Soto.....b	KODT	Dewey.....b
KNIA	Wahkiakum.....b	KODV	Hog Island.....b
KNII	Cheron.....b	KODX	Dillwyn.....b
KNIO	Beloit.....b	KODZ	Ophis.....b
KNIU	Coloma.....b	KOE	Communipaw.....b
KNJ	Jason.....b	KOF	Castle Town.....b
KNK	Marica.....b	KOFB	Bellhaven.....b
KNL	Nelson.....b	KOFD	Anaconda.....b
KNM	Millinocket.....b	KOFF	Auditor.....b
KNN	Wico.....b	KOFG	Sunshine.....b
KNO	Trinidadian.....b	KOFJ	Chanceok.....b
KNOA	Manada.....b	KOFK	Elkton.....b
KNOE	Boulton.....b	KOFL	Chepadoa.....b
KNOI	Bancroft.....b	KOFM	Lake Ellithorpe.....b
KNOU	Bonnafon.....b	KOFN	Cockaponset.....b
KNP	Dayton.....b	KOFP	Lake Ellsbury.....b
KNQ	F. Q. Barstow.....b	KOFQ	Lake Elmhurst.....b
KNR	Moldegaard.....b	KOFR	Basford.....b
KNS	Sucrosa.....b	KOFS	Bascobel.....b
KNU	Currier.....b	KOFT	Bensalem.....b
KNUA	Fonduco.....b	KOFV	Lake Elpueblo.....b
KNUI	Yakima.....b	KOFX	Cook.....b
KNUO	Maxama.....b	KOFZ	Coquitt.....b
KNUU	Boxley.....b	KOG	Madison.....b
KNW	Robert M. Thompson.....b	KOGB	Independent Bridge.....b
KNX	Susana.....b	KOGC	Lackawanna Bridge.....b
KNY	Fred W. Weller.....b	KOGD	Moosehausc.....b
KNZ	A. C. Bedford.....b	KOGF	Kootenai.....b
KOA	Hamilton.....b	KOGJ	Nockum.....b
KOBB	Shannock.....b	KOGK	Escambia.....b
KOBC	Ruby.....b	KOGL	West Ira.....b
KOBD	Orani.....b	KOGM	Storm King.....b
KOBF	Vanada.....b	KOGN	Brave Coeur.....b
KOBG	Editor.....b	KOGP	Hadnot.....b
KOBJ	Deroche.....b	KOGQ	Irvington.....b
KOBK	West Katan.....b	KOGR	Lake Fairport.....b
KOBL	Lake Ellijay.....b	KOGS	Lake Flatonia.....b
KOBM	Willpolo.....b	KOGT	Lake Flanders.....b
KOBN	Alameda.....b	KOGV	Lake Gebhart.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KOGX	Merry Mount.....b	KONF	Lakeside Bridge.....b
KOGZ	Commissioner.....b	KOMG	Margus.....b
KOH	Glenpool.....b	KONJ	Massillon Bridge.....b
KOI	Polarine.....b	KONK	Northwestern Bridge.....b
KOJ	Ajax.....b	KONL	Fargo.....b
KOJB	York Harbor.....b	KONM	La Crosse.....b
KOJC	Hamlin.....b	KONN	Sioux Falls.....b
KOJD	Sinsinawa.....b	KONP	Landsdowne.....b
KOJE	Montana.....b	KONQ	Andrew Jackson.....b
KOJG	Jacksonville.....b	KONR	Antietam.....b
KOJH	Lake Galata.....b	KONS	Lake Strymon.....b
KOJK	Hanover.....b	KONT	Lake Elsmere.....b
KOJL	Cripple Creek.....b	KONV	Lake Filbert.....b
KOJM	Lake Onawa.....b	KONX	Detroit-Wayne.....b
KOJN	Wisteria.....b	KONZ	City of Alton.....b
KOJP	Lake Favonia.....b	KOP	Lackawanna.....b
KOJQ	Lake Fitch.....b	KOPB	Lake Fernalda.....b
KOJR	Chickasaw.....b	KOPC	Bavington.....b
KOJS	Magneric.....b	KOPD	Danmedaika.....b
KOJT	Lake Galien.....b	KOPF	Massick.....b
KOJV	Portsmouth.....b	KOPG	Minnewawa.....b
KOJX	Lake Galewood.....b	KOPJ	Terre Haute.....b
KOJZ	Lake Gaither.....b	KOPK	Circinus.....b
KOK	St. Charles.....b	KOPL	Corvus.....b
KOKB	Tankerville.....b	KOPM	Nika.....b
KOKC	Northern Star.....b	KOPN	Wasagya.....b
KOKD	Bellerose.....b	KOPP	Eastern Breeze.....b
KOKF	Bellepline.....b	KOPQ	Bellflower.....b
KOKG	Moosikaue.....b	KOPR	Keary.....b
KOKK	Iceland.....b	KOPS	Coolcha.....b
KOKL	Kaweah.....b	KOPT	Eglantine.....b
KOKM	Daniel Webster.....b	KOPV	Lake Pillion.....b
KOKP	Crisfield.....b	KOPX	Mopang.....b
KOKQ	Lake Elrio.....b	KOPZ	Centaurus.....b
KOKR	Inspector.....b	KOQ	Manoa.....b
KOKS	Lake Gera.....b	KOQB	Clauseus.....b
KOKT	Bethnor.....b	KOQC	Hagan.....b
KOKV	Kaleen.....b	KOQD	Hagood.....b
KOKX	Kolda.....b	KOQE	Tri Mountain.....b
KOKZ	Lake Fithian.....b	KOQG	Lake Elmont.....b
KOL	Mount Hope.....b	KOQJ	Casey.....b
KOLB	Aryan.....b	KOQK	Coldbrook.....b
KOLC	Orient.....b	KOQL	Basswood.....b
KOLD	Antonia.....b	KOQM	Bastrop.....b
KOLG	Tuwetanka.....b	KOQN	Petunia.....b
KOLJ	Lake Faxon.....b	KOQP	McCreary County.....b
KOLK	Lake Felden.....b	KOQQ	West Ivis.....b
KOLL	Clavarack.....b	KOQR	Kingfisher.....b
KOLM	Balcatta.....b	KOQS	Egremont.....b
KOLN	Susquehanna.....b	KOQT	Quinnpiac.....b
KOLP	Cathlamet.....b	KOQV	Caldas.....b
KOLQ	Xenia.....b	KOQX	Nipmuc.....b
KOLR	Lake Elmdale.....b	KOQZ	Kayseeka.....b
KOLS	Chicomico.....b	KOR	Navahe.....b
KOLT	Effingham.....b	KORB	West Mingo.....b
KOLV	Palisades.....b	KORC	Macomet.....b
KOLX	Cranford.....b	KORD	Sundance.....b
KOLZ	Lake Getaway.....b	KORF	Nocalula.....b
KOM	Trontolite.....b	KORG	Cethana.....b
KOMB	Lake Gert.....b	KORJ	Challamba.....b
KOMC	Lake Flattery.....b	KORK	Dryden.....b
KOMD	Denel.....b	KORL	Haleakala.....b
KOMF	Bartholomew.....b	KORM	Jadden.....b
KOMG	Whitemarsh.....b	KORP	Monomac.....b
KOMJ	Penguin.....b	KORQ	Vinton County.....b
KOMK	Lycoming.....b	KORS	Manham.....b
KOML	J. R. Gordon.....b	KORT	Hancock County.....b
KOMM	Scottsburg.....b	KORV	Wildwood.....b
KOMN	San Antonio.....b	KORX	Cliffwood.....b
KOMP	Coahoma County.....b	KORZ	Neptune.....b
KOMQ	Afoundria.....b	KOS	Lake Saba.....b
KOMR	Ashland County.....b	KOSB	Widgeon.....b
KOMS	Henry County.....b	KOSC	Tenakee, Alaska.....c
KOMT	Efina.....b	KOSD	Nile.....b
KOMV	Montague.....b	KOSF	Monroe.....b
KOMX	Peekskill.....b	KOSG	Rapidan.....b
KOMZ	Coskata.....b	KOSJ	Danville.....b
KONB	Cushnet.....b	KOSK	Danvers.....b
KONC	Cuttyhunk.....b	KOSL	West Kader.....b
KOND	Indiana Bridge.....b		

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KOSM	City of St. Joseph.....b	KOZN	Minooka.....b
KOSP	John Roach.....b	KOZP	Vigilant.....b
KOSQ	Sapona.....b	KOZQ	City of Berkeley.....b
KOSR	Lake Treba.....b	KOZR	Culburra.....b
KOSS	Lake Elsay.....b	KOZS	West Ivan.....b
KOST	John Adams.....b	KOZT	Lake Elmwood.....b
KOST	Chester Valley.....b	KOZV	William H. Webb.....b
KOSV	Kenowis.....b	KOZX	Norumbega.....b
KOSX	Hartford.....b	KOZZ	Collamer.....b
KOSZ	Curlew.....b	KPA A	Point Judith.....b
KOT	Kanak.....b	KPAE	Toka.....b
KOTB	Lake Falun.....b	KPAI	Biloxi.....b
KOTC	Teal.....b	KPAO	Kasota.....b
KOTD	Cross Keys.....b	KPAU	Blandon.....b
KOTF	Mitchell.....b	KPD	W. H. Telford.....b
KOTG	West Jena.....b	KPEA	Boilston.....b
KOTJ	Lake Slavi.....b	KPEE	Callooh.....b
KOTK	West Neris.....b	KPEI	Moritz.....b
KOTL	Vinita.....b	KPEO	Damuru.....b
KOTM	Robin Hood.....b	KPEU	Moraine.....b
KOTN	West Hesseltine.....b	KPF	General O. H. Ernst.....b
KOTP	Wisla.....b	KPG	General H. F. Hodges.....b
KOTQ	Red Mountain.....b	KPIA	Kenosha.....b
KOTR	West Montop.....b	KPIE	Pezuta.....b
KOTS	Wild Goose.....b	KPII	Sewickley.....b
KOTT	Lake Fenn.....b	KPIU	Issaquena.....b
KOTV	Franklin County.....b	KPK	Starlite.....b
KOTX	Delanson.....b	KPL	Moonlite.....b
KOTZ	Benowa.....b	KPO	Twilite.....b
KOU	Tidewater.....b	KPOA	Blue Eagle.....b
KOV	Kwiguk Slough, Alaska.....c	KPOI	Lonoke.....b
KOV B	Gulfrade.....b	KPOO	Bonifay.....b
KOV C	Lake Tippah.....b	KPOU	Salmon.....b
KOV D	Maquan.....b	KPP	Dawnlite.....b
KOV F	Amcross.....b	KPQ	Sunlite.....b
KOV G	Lake Elmsford.....b	KPR	Daylite.....b
KOV J	Dilworth.....b	KPS	Benjamin Brewster.....b
KOV K	Sapelo.....b	KPT	Achilles.....b
KOV L	Lake Fandango.....b	KPU	Ulysses.....b
KOV M	Robin Adair.....b	KPUA	Makanda.....b
KOV N	E. A. Morse.....b	KPUE	Belding.....b
KOV P	Clarksburg.....b	KPUI	Kineo.....b
KOV Q	Elfay.....b	KPUO	Benzonia.....b
KOV R	Abercos.....b	KPUU	Barabos.....b
KOV S	Lake Fandon.....b	KPW	Cape Cod.....b
KOV T	Coeur d'Alene.....b	KPY	Jane Palmer.....b
KOV V	Coelleda.....b	KPZ	Governor Brooks.....b
KOV X	Tampa.....b	KQA	Harry Fanum.....b
KOV Z	I. J. Merritt.....b	KQAA	Cubura.....b
KOW	Mascotte.....b	KQAI	Wallowa.....b
KOX	Henry M. Flagler.....b	KQAO	Calala.....b
KOXB	Haslehurst.....b	KQAU	Dalana.....b
KOXC	Suwied.....b	KQB	Walter Hardcastle.....b
KOXD	Tashmoo.....b	KQC	Cretan.....b
KOXF	Tekoa.....b	KQD	Dorchester.....b
KOXG	Toledo Bridge.....b	KQE	Essex.....b
KOXJ	Tona.....b	KQEA	Clackamas.....b
KOXK	Tonesit.....b	KQEE	Anoka.....b
KOXL	Tuladi.....b	KQEI	Bell Brook.....b
KOXM	Vincennes Bridge.....b	KQEO	Lake Charlotte.....b
KOXN	Pirate Cove, Alaska.....c	KQF	Gene Crawley.....b
KOX P	Von Steuben.....b	KQG	Gloucester.....b
KOX Q	Agememnon.....b	KQH	Howard.....b
KOX R	Tampico.....b	KQI	Keresaspa.....b
KOX S	West Jessup.....b	KQIA	Corozal.....b
KOX T	Robin Gray.....b	KQIE	Farnam.....b
KOX V	Roanoke.....b	KQII	Santa Olivia.....b
KOX X	Steelmaker.....b	KQIO	Deranof.....b
KOX Z	Steel Age.....b	KQIU	West Ekonk.....b
KOY	Herbert L. Pratt.....b	KQJ	Juniata.....b
KOZ	Miami.....b	KQK	Kershaw.....b
KOZ B	City of Omaha.....b	KQL	Oakley C. Curtis.....b
KOZ C	Aeolus.....b	KQM	Merrimack.....b
KOZ D	Rockport.....b	KQN	Nantucket.....b
KOZ F	Tenally.....b	KQO	Ontario.....b
KOZ G	Moravia Bridge.....b	KQOA	Anacortes.....b
KOZ J	West Niger.....b	KQOE	Delight.....b
KOZ K	West Hika.....b	KQOI	Western Light.....b
KOZ L	Quaker City.....b	KQOO	Western Maid.....b
KOZ M	Miskanza.....b	KQOU	Bosworth.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KQP	Kerlew.....b	KSIA	East Cliff.....b
KQQ	Quantico.....b	KSIE	Glen White.....b
KQR	Grecian.....b	KSII	Lake Catherine.....b
KQS	Washington Bay, Alaska.....c	KSIU	Lake Benton.....b
KQT	Wyoming.....b	KSIO	Argonne.....b
KQU	Ruth E. Merrill.....b	KSJ	Security.....b
KQUA	Allies.....b	KSK	Caddo.....b
KQUE	Lancaster.....b	KSM	Philadelphia.....b
KQUO	Lake Chelan.....b	KSN	New York.....b
KQUU	West Gambo.....b	KSO	St. Paul.....b
KQV	Samuel Faunce.....b	KSOA	Polar Sea.....b
KQW	Dorothy Palmer.....b	KSOE	Lake Eckhart.....b
KQX	Persian.....b	KSOI	Lake Wimico.....b
KQY	Edward J. Lawrence.....b	KSOO	Lake Duncan.....b
KQZ	City of Rome.....b	KSOU	Bylail.....b
KRA	Freeport Sulphur No. 1.....b	KSP	Caloria.....b
KRAA	West Coast.....b	KSQ	Charles Pratt.....b
KRAE	Mauban.....b	KSR	Bayway.....b
KRAI	Bromela.....b	KST	Princeton.....b
KRAO	Brompton.....b	KSU	Somerset.....b
KRAU	Broncho.....b	KSUA	F. D. Asche.....b
KRB	Governor Cobb.....b	KSUI	Colindo.....b
KRC	Camden.....b	KSUO	Umatilla.....b
KRD	Belfast.....b	KSUU	Montezuma.....b
KREA	Cape Romain.....b	KSV	Standard Arrow.....b
KREE	Gulftport.....b	KSW	Royal Arrow.....b
KREI	Lake Washburn.....b	KSX	Sylvan Arrow.....b
KREO	Lake Mary.....b	KSY	Broad Arrow.....b
KRF	Ransom B. Fuller.....b	KSZ	Cora F. Cressy.....b
KRG	Freeport Sulphur No. 2.....b	KTAA	Alloway.....b
KRH	City of Bangor.....b	KTAI	Lake Eliko.....b
KRI	City of Rockland.....b	KTAO	Lake Frances.....b
KRIA	Lake Daraga.....b	KTAU	Eastern Star.....b
KRIE	Astoria.....b	KTB	Gulfstream.....b
KRII	Lake Elsinore.....b	KTC	Shenango.....b
KRIO	Octorara.....b	KTD	Ligonier.....b
KRIU	Liberator.....b	KTE	Winifred.....b
KRJ	Relief.....b	KTEA	Eastern Sea.....b
KRK	Gargoyles.....b	KTEE	Western Cross.....b
KRL	Kiowa.....b	KTEI	Winnebago.....b
KRM	Resolute.....b	KTEO	Fort Wright.....b
KRN	Calvin Austin.....b	KTEU	Bournville.....b
KRO	Bramell Point.....b	KTF	J. M. Guffey.....b
KROA	Blythedale.....b	KTG	Gulfoil.....b
KROE	Aniwa.....b	KTH	Robert P. Clark.....b
KROI	Wampum.....b	KTI	Brilliant.....b
KROO	Wassaic.....b	KTIA	Bowesmont.....b
KROU	Garibaldi.....b	KTIE	Eastern Sun.....b
KRP	Rescue.....b	KTIO	Fresno.....b
KRQ	Manitowoc.....b	KTIU	Lake Blanchester.....b
KRR	C. A. Snider.....b	KTIJ	Comet.....b
KRS	Paulsboro.....b	KTL	Rayo.....b
KRT	Saint Francis.....b	KTM	Eocene.....b
KRU	Fordonian.....b	KTN	Perfection.....b
KRUA	Cresap.....b	KTO	John D. Rockefeller.....b
KRUE	Brookwood.....b	KTOA	Lake Narka.....b
KRUI	Santa Flavia.....b	KTOE	Lake Monroe.....b
KRUO	Wakulla.....b	KTOI	Lake Greenwood.....b
KRUU	Socony 88.....b	KTOO	Lake Yemassee.....b
KRV	Governor Dingley.....b	KTOU	Lake Markham.....b
KRW	Sierra.....b	KTP	James McGee.....b
KRX	Rama.....b	KTQ	City of Everett.....b
KRZ	Sudbury.....b	KTR	Radiant.....b
KSA	Standard II.....b	KTS	Vesta.....b
KSAA	Socony 89.....b	KTT	Paraguay.....b
KSAB	Rose Mahoney.....b	KTU	Sun.....b
KSAC	Capines.....b	KTUA	Lake Ledan.....b
KSAD	Lake Conesus.....b	KTUE	Lake Bledsoe.....b
KSAD	Aquaackanock.....b	KTUI	Lake Pepin.....b
KSB	J. E. O'Neil.....b	KTUO	Sagadahoc.....b
KSC	Chinampa.....b	KTUU	Lake Pachuta.....b
KSEA	Absecon.....b	KTV	Dulcino.....b
KSEE	Mineola.....b	KTX	Socony.....b
KSEI	Eastern Chief.....b	KTY	W. C. Teagle.....b
KSEO	Quidnic.....b	KYZ	Brindilla.....b
KSEU	Jonancy.....b	KUA	Gulflight.....b
KSF	Finland.....b	KUB	Gulflight.....b
KSG	Baton Rouge.....b	KUBB	Cold Harbor.....b
KSH	Kroonland.....b	KUBC	Laramie.....b
KSI	H. H. Rogers.....b	KUBD	Claremont.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KUBF	San Diego.....b	KUGL	Lake Galisteo.....b
KUBG	Betterton.....b	KUGM	Ripon.....b
KUBJ	Liberty Minquas.....b	KUGN	Lake Haresti.....b
KUBK	Bearport.....b	KUGP	Seminole.....b
KUBL	Pawlet.....b	KUGQ	Star of Holland.....b
KUBM	St. Anthony.....b	KUGR	Summerleaf.....b
KUBN	Robin Goodfellow.....b	KUGS	Blue Triangle.....b
KUBP	City of Alma.....b	KUGT	Jomar.....b
KUBQ	Mazatlan.....b	KUGV	Conshohocken.....b
KUBR	Lake Elva.....b	KUGX	Mason City.....b
KUBS	Indiana Harbor.....b	KUGZ	Maddequet.....b
KUBT	Lake Feodora.....b	KUH	Munwood.....b
KUBV	Higbo.....b	KUI	Munamar.....b
KUBX	Koggiung, Alaska (moored scow).....c	KUJ	Mundale.....b
KUBZ	Dellwood.....b	KUJB	Angeles.....b
KUC	Gulf of Mexico.....b	KUJC	Bayport.....b
KUCB	New England.....b	KUJD	Baddacock.....b
KUCC	Plow City.....b	KUJE	Kerhonkson.....b
KUCD	Riverside Bridge.....b	KUJG	Kamchatka.....b
KUCF	Virginia Bridge.....b	KUJH	Havilah.....b
KUCG	Des Moines Bridge.....b	KUJL	Ozmo.....b
KUCJ	Holyoke Bridge.....b	KUJM	Coot.....b
KUCK	Wauwatosa.....b	KUJN	Osprey.....b
KUCL	Salmes.....b	KUJP	Hutchinson.....b
KUCM	Lake Ikatan.....b	KUJQ	Ethan Allen.....b
KUCN	Eastern Guide.....b	KUJR	City of Joliet.....b
KUCP	Chisik Island, Alaska.....c	KUJS	Winston-Salem.....b
KUCQ	City of Alameda.....b	KUJT	Eastern Belle.....b
KUCR	Lake Giddings.....b	KUJV	Eastern Orag.....b
KUCS	City of Sherman.....b	KUJX	Liberty Bell.....b
KUCV	City of Flint.....b	KUJZ	Quabbin.....b
KUCX	Coldwater.....b	KUZ	Munsomo.....b
KUCZ	Lake Filmore.....b	KUKB	Aragon.....b
KUD	Gulfand.....b	KUKC	Schulyskill Bridge.....b
KUDB	Brant.....b	KUKD	East Chicago.....b
KUDD	Tuscan.....b	KUKF	Fort Armstrong.....b
KUDE	Argon.....b	KUKG	Anthraxite Bridge.....b
KUDF	Heron.....b	KUKJ	West Jappa.....b
KUDG	West Jester.....b	KUKK	Noddle Island.....b
KUDJ	Mehanno.....b	KUKL	Pittsburgh Bridge.....b
KUDK	West Cadron.....b	KUKM	Tancarville.....b
KUDL	Cajacet.....b	KUKN	Louise.....b
KUDM	Lake Elwin.....b	KUKP	Mohinkis.....b
KUDN	American Press.....b	KUKQ	Selma.....b
KUDP	Clontarfm.....b	KUKR	Latham.....b
KUDQ	West Hinarod.....b	KUKS	Eastern Merchant.....b
KUDR	Davenport.....b	KUKT	Conejos.....b
KUDS	Lake Rushville.....b	KUKV	West Hixton.....b
KUDT	Pilot Point, Alaska.....c	KUKX	Collingsworth.....b
KUDV	Becharof, Alaska.....c	KUL	Louisiana.....b
KUDX	Eastern Moon.....b	KULB	Pinellas.....b
KUDZ	Eastern Gale.....b	KULC	Chickamauga.....b
KUE	Gulfcoast.....b	KULD	Lake Geyser.....b
KUF	Mundelta.....b	KULF	Fishkill.....b
KUFB	Eastern Knight.....b	KULG	Darien.....b
KUFC	Lake Floravista.....b	KULH	Eastern Pilot.....b
KUFD	Lake Florian.....b	KULK	Eastern Trader.....b
KUFF	Lake Floris.....b	KULL	Donald McKay.....b
KUG	Lake Flounoy.....b	KULM	Ario.....b
KUFJ	West Nilus.....b	KULN	Arizpa.....b
KUFK	Great Falls.....b	KULP	Toopi.....b
KUFL	Cartona.....b	KULQ	Pylos.....b
KUFM	Corone.....b	KULR	Vallonia.....b
KUFN	Steel Voyager.....b	KULS	Outgamie.....b
KUFP	Bethlehem S. B. Corp. (special call).....b	KULT	Commack.....b
KUFQ	Tern.....b	KULV	San Juan.....b
KUFR	West Campgaw.....b	KULX	Otho.....b
KUFS	Snipe.....b	KULZ	Lyndonia.....b
KUFT	Plover.....b	KUM	Texas.....b
KUFX	Sheldrake.....b	KUMB	Lake Ganado.....b
KUFZ	Ossa.....b	KUMC	Utacarbon.....b
KUG	Munplace.....b	KUMD	Staten Island.....b
KUGB	Eastern Mariner.....b	KUMF	Dunsyre.....b
KUGC	Booyalla.....b	KUMG	Homer.....b
KUGD	Clearwater.....b	KUMJ	Grebe.....b
KUGF	Boynton.....b	KUMK	Freeport Sulphur No. 5.....b
KUGG	Clemence C. Morse.....b	KUML	Oklahoma City.....b
KUGJ	Loon.....b	KUMM	West Calera.....b
KUGK	Sioux City.....b	KUMN	Portola Plumas.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KUMQ	Comerant.....b	KURV	Ohonkara.....b
KUMR	Colthraps.....b	KURX	Eastern Coast.....b
KUMS	Atlantic Sun.....b	KURZ	Suboatco.....b
KUMT	Solitaire.....b	KUS	Florida.....b
KUMV	Lake Glaucus.....b	KUSB	Suedco.....b
KUMX	Lake Flag.....b	KUSC	Sunelseco.....b
KUMZ	Lake Hector.....b	KUSD	Huron.....b
KUN	Neptune.....b	KUSF	Capital of Nebraska.....b
KUNB	Lake Harminia.....b	KUSG	West Nomentum.....b
KUNC	Lake Gunni.....b	KUSJ	Occidental.....b
KUND	Eastern Glade.....b	KUSK	City of Reno.....b
KUNF	Eastern Ocean.....b	KUSL	Pioneer.....b
KUNG	Union Liberty.....b	KUSM	John F. Hyland.....b
KUNJ	Evergreen City.....b	KUSN	Aquarius.....b
KUNK	Neshobee.....b	KUSP	Crown City.....b
KUNL	Oronoke.....b	KUSQ	Eastern Cloud.....b
KUNM	Wheeling Mold.....b	KUSR	Nemaha.....b
KUNN	Jennie R. Morse.....b	KUSS	William A. Whitney.....b
KUNP	Freeport Sulphur No. 6.....b	KUST	West Camak.....b
KUNQ	Eastern Crown.....b	KUSV	Mattole.....b
KUNR	Eastern Victor.....b	KUSX	Baccarat.....b
KUNS	City of Vernon.....b	KUSZ	Adria.....b
KUNT	George B. MacKenzie.....b	KUT	Pan-American.....b
KUNV	Winona.....b	KUTB	Haxtum.....b
KUNX	Rochelle.....b	KUTC	West Mahwah.....b
KUNZ	Chickasaw City.....b	KUTD	Anna E. Morse.....b
KUO	Northwestern.....b	KUTF	Eastern Maid.....b
KUP	Pennsylvania.....b	KUTG	Delrosa.....b
KUPB	Italia.....b	KUTJ	Pallas.....b
KUPC	Pinthis.....b	KUTK	City of Lordsburg.....b
KUPD	Eastern Planet.....b	KUTL	Nanshon.....b
KUPF	Hahatonka.....b	KUTM	John P. Reiss.....b
KUPG	Greenland.....b	KUTN	Christabel.....b
KUPJ	West Cahokia.....b	KUTP	Canco.....b
KUPK	Darden.....b	KUTQ	Iroquois.....b
KUPL	Conness Peak.....b	KUTR	Springfield.....b
KUPM	Patrick Henry.....b	KUTS	Vacuum.....b
KUPN	Capillo.....b	KUTT	Birmingham City.....b
KUPP	Cubore.....b	KUTV	Lake Furnas.....b
KUPQ	Ogden, Utah.....c	KUTX	Richconcal.....b
KUPS	Naugus.....b	KUTZ	Rochester.....b
KUPT	Waterbury.....b	KUU	Brabant.....b
KUPV	Kehuku.....b	KUV	Virginia.....b
KUPX	Hawarden.....b	KUVB	Eastern Glen.....b
KUPZ	Fishers Island.....b	KUVC	City of Weatherford.....b
KUQ	Maine.....b	KUVD	Argus.....b
KUQB	Fueloil.....b	KUVF	Sebonac.....b
KUQC	Panoil.....b	KUVG	Eastern Tempest.....b
KUQD	Crudoil.....b	KUVJ	Agron.....b
KUQF	Martha Washington.....b	KUVK	Steel Mariner.....b
KUQG	Padnsay.....b	KUVL	Steel Trader.....b
KUQJ	West Nivaria.....b	KUVN	Domingo Nazarall.....b
KUQK	West Keats.....b	KUVP	Hastnal.....b
KUQL	Pulaski.....b	KUVQ	Johnswood, Mich.....c
KUQM	Las Vegas.....b	KUVR	Jordan, Mont.....c
KUQN	J. F. Penrose.....b	KUVT	Jolee.....b
KUQP	Unicoi.....b	KUVV	Cardonia.....b
KUQQ	Conehatta.....b	KUVX	Half Moon.....b
KUQR	Everett.....b	KUVZ	West Norranus.....b
KUQS	Margaret.....b	KUW	New York.....b
KUQT	Eastern Dawn.....b	KUX	Munalbro.....b
KUQX	Juvinoy.....b	KUXB	West Holbrook.....b
KUQZ	Montlaucon.....b	KUXC	San Pasqual.....b
KUR	Georgia.....b	KUXD	Cuyamaca.....b
KURB	Hinckley.....b	KUXF	Loretta.....b
KURC	Cathwood.....b	KUXL	Tippecanoe.....b
KURD	Arcturus.....b	KUXM	Cheboygan, Mich.....c
KURF	Chappaqua.....b	KUXN	Miles City, Mont.....c
KURG	Artigas.....b	KUXP	Dallas, Tex.....c
KURJ	W. K. Bixby.....b	KUXQ	Wichita Falls, Tex.....c
KURK	Sepulga.....b	KUXR	John Jay.....b
KURL	John R. Gibbons.....b	KUXS	Agylla.....b
KURM	Eastern Admiral.....b	KUXT	Long Beach, Calif.....c
KURN	Manatee.....b	KUXV	Avalon, Calif.....c
KURP	Salaam.....b	KUXX	Manuel Rionda.....b
KURQ	Medric.....b	KUXZ	Honnedaga.....b
KURR	Henry Steers.....b	KUZ	Coastwise.....b
KURS	E. G. Crosby.....b	KUZB	Cristina.....b
KURT	Brookline.....b	KUZC	Hahina.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KUZD	Jim Sid.....b	KWR	Port Moller, Alaska.....c
KUZF	Suholco.....b	KWS	Lost Harbor, Alaska.....c
KUZG	Sutransco.....b	KWT	Teller, Alaska.....c
KUZJ	Suelco.....b	KWU	Katrina Luckenbach.....b
KUZK	Suportco.....b	KWV	Sacramento.....b
KUZL	Anahuac.....b	KWW	Chichagof, Alaska.....c
KUZM	Quillwark.....b	KWX	Mexico.....b
KUZN	Pansa.....b	KWY	Monterey.....b
KUZP	Hayden.....b	KWZ	Esperanza.....b
KUZQ	Salina.....b	KXA	Boston.....b
KUZR	Capulin.....b	KXAA	Lake Alvida.....b
KUZS	Ensely City.....b	KXAE	Lake Delancey.....b
KUZT	Eastern Sailor.....b	KXAI	Lake Galera.....b
KUZV	Dungannon.....b	KXAO	Lake Otsquago.....b
KUZX	Carib.....b	KXAU	Lake Harris.....b
KUZZ	Cayo Mambi.....b	KXBB	City of Lowell.....b
KVA	Apache.....b	KXC	Commonwealth.....b
KVAA	Lake Osweya.....b	KXE	Mohawk.....b
KVAE	Lake Benbow.....b	KXEA	Lake Pleasant.....b
KVAI	Socony 82.....b	KXEE	Lake Marion.....b
KVAO	Socony 83.....b	KXEI	Lake Sanford.....b
KVB	Arapahoe.....b	KXEO	Lake Gardner.....b
KVC	Comanche.....b	KXEU	Lakeville.....b
KVD	Munrio.....b	KXF	New Hampshire.....b
KVE	Munindies.....b	KXG	Archer.....b
KVEA	Bellota.....b	KXH	Phymouth.....b
KVEE	Catawba.....b	KXI	Priscilla.....b
KVEI	West Galoc.....b	KXIE	Calaveras.....b
KVEO	Kickapoo.....b	KXII	Callicrock.....b
KVEU	Baladan.....b	KXIU	Calispell.....b
KVF	Iroquois.....b	KXIU	Lake Calistoga.....b
KVG	Chestnut Hill.....b	KXJ	Providence.....b
KVH	Huron.....b	KXK	Funter, Alaska.....c
KVI	Unga Island, Alaska.....c	KXL	City of Taunton.....b
KVIA	Balliett.....b	KXM	Mohegan.....b
KVIE	West Arvada.....b	KXN	New Haven.....b
KVII	Montclair.....b	KXO	City of Brocton.....b
KVIO	Lake Pearl.....b	KXOA	Star of Lapland.....b
KVIU	Allentown.....b	KXOE	Severance.....b
KVJ	Walter D. Munson.....b	KXOI	Standard.....b
KVK	Cherokee.....b	KXOU	Lake Lesa.....b
KVL	Lenape.....b	KXP	Pequonnock.....b
KVM	Mohawk.....b	KXQ	Chester W. Chapin.....b
KVN	Tanamo.....b	KXR	Richard Peck.....b
KVO	Sagua.....b	KXS	Boston.....b
KVOE	Lake Garza.....b	KXT	Fairmont.....b
KVOI	Lake Gaspar.....b	KXU	Westfield.....b
KVOO	Lake Yelverton.....b	KXUA	Lake Geneva.....b
KVOU	Lake Gakoma.....b	KXUE	Eastern Queen.....b
KVP	Charles Braley.....b	KXUI	Lake Lillian.....b
KVR	Elinor.....b	KXUO	Admiral Sims.....b
KVS	Gulf Queen.....b	KXUU	Coyote.....b
KVT	H. C. Cadmus.....b	KXV	Nelson Lagoon.....c
KVUA	Lake Ormoc.....b	KXW	Ikatan, Alaska.....c
KVUE	Lake Akkra.....b	KXX	Stephen R. Jones.....b
KVUO	Lake Gedney.....b	KXY	Lewis K. Thurlow.....b
KVUU	Lake Hewes.....b	KXZ	Felix Taussig.....b
KVV	Koggiung, Alaska.....c	KYA	Kanawha.....b
KVX	Allaguash.....b	KYB	North Wind.....b
KVY	William Isom.....b	KYC	Corsair.....b
KVZ	Relay.....b	KYD	Mount Baker.....b
KWA	Mt. Vernon Bridge.....b	KYE	Castana.....b
KWB	Fort Pitt Bridge.....b	KYF	McClellan.....b
KWC	Morro Castle.....b	KYG	Wild Duck.....b
KWD	Antilla.....b	KYH	Aloha.....b
KWE	Santiago.....b	KYK	Karluk, Alaska.....b
KWF	Cauto.....b	KYL	Alitak, Alaska.....b
KWG	Seguranca.....b	KYM	Armenia.....b
KWH	Port Chatham, Alaska.....c	KYO	Noma.....b
KWI	Camaguey.....b	KYP	Oneida.....b
KWJ	Yucca.....b	KYQ	California.....b
KWK	W. B. Keene.....b	KYR	Karina.....b
KWL	Yadkin.....b	KYS	Yosemite.....b
KWM	Fanuco.....b	KYT	Redondo.....b
KWN	Guantanamo.....b	KYU	Mohawk.....b
KWO	Fort Beauclair, Alaska.....c	KYV	Ascutney.....b
KWP	Sunoil.....b	KYX	Wana.....b
KWQ	Saltchuck, Alaska.....c	KYY	Apache.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
KYZ	Mystery.....	WBD	Santa Cruz.....
KZA	Alberta.....	WBE	Cacique.....
KZAA	Middlebury.....	WBEA	Adway.....
KZAE	Lake Linden.....	WBEE	Afalkey.....
KZAI	Lake Winthrop.....	WBEI	Airle.....
KZAO	Lake Wilson.....	WBEO	Ashburn.....
KZAU	Lake Yahara.....	WBF	Boston, Mass.....
KZB	Alicia.....	WBG	Venezuela.....
KZC	Azteco.....	WBH	Colombia.....
KZD	Cornelia.....	WBIA	Chipchung.....
KZE	Zenith.....	WBII	Alpaco.....
KZEA	Keketicut.....	WBIO	Baxley.....
KZEE	Lake Berdan.....	WBITU	Pascagoula.....
KZEI	Lake Dyrner.....	WBJ	Santa Barbara.....
KZEO	Lake Dancy.....	WBK	Saucon.....
KZEU	Lake Agomak.....	WBM	Redondo.....
KZF	Edith.....	WBN	Ecuador.....
KZG	Carolyn.....	WBO	Santa Rosa.....
KZH	Helen.....	WBOA	Mono.....
KZIA	Lake Aurice.....	WBOU	Nashotah.....
KZIE	Lake Winoski.....	WBP	Hermosa.....
KZII	Lake Belnona.....	WBQ	Santa Paula.....
KZIO	Lake Lillicusum.....	WBR	Santa Rita.....
KZIU	Sagaporack.....	WBUA	Lake Gravity.....
KZJ	Jean.....	WBUE	Lake Greenbrier.....
KZK	Hilton.....	WBUI	Lake Gretna.....
KZL	Halcyon.....	WBUO	Lake Grogan.....
KZO	Margaret.....	WBUU	Lake Forney.....
KZOA	Lake Medford.....	WBV	Cabrillo.....
KZOE	Lake Arline.....	WBW	Burrwood, La.....
KZOI	Lake Helen.....	WBX	Santa Ana.....
KZOO	Lake Indian.....	WBZ	Santa Elena.....
KZOU	Lake Orange.....	WCA	Tionesta.....
KZP	Evelyn.....	WCAA	Robring.....
KZQ	Ruth.....	WCAE	Bottineau.....
KZR	Remlik.....	WCAI	Boughton.....
KZS	Santanta.....	WCAO	Caponka.....
KZT	Everett.....	WCAU	Chelan.....
KZU	United States.....	WCB	Juniata.....
KZUA	Katia.....	WCD	Octorara.....
KZUE	Kosciusko.....	WCE	Parthian.....
KZUI	Oneco.....	WCEA	Cottoral.....
KZUO	Lone Star.....	WCEE	Kuwa.....
KZUO	Lake Louise.....	WCEI	Maratanza.....
KZV	Malden.....	WCEO	Mattapan.....
KZW	Melrose.....	WCF	Favorite.....
KZX	Newton.....	WCG	Brooklyn, N. Y.....
KZY	Arlington.....	WCI	Newport, R. I.....
KZZ	Brandon.....	WCIA	Bellingham.....
WAA	Alameda.....	WCIE	Eastport.....
WAB	Saugerties.....	WCII	Invincible.....
WAC	Chicago.....	WCIO	Lake Lemando.....
WAD	Victoria.....	WCIU	Naiwa.....
WAE	Ketchikan.....	WCJ	Anvox.....
WAF	Admiral Farragut.....	WCL	Westchester.....
WAG	Admiral Sebree.....	WCO	Wyandotte.....
WAH	Dora.....	WCOA	Battahatchee.....
WAI	Latouche.....	WCOE	Socony 84.....
WAJ	Jefferson.....	WCOI	Socony 92.....
WAK	Valdez.....	WCOO	Liberty.....
WAL	Santa Ana.....	WCOU	Lake Kytile.....
WAM	Juneau.....	WCP	Casco.....
WAN	Northwestern.....	WCQ	Roy Hooper.....
WAO	Rajah.....	WCR	The Harvester.....
WAP	Lake Crescent.....	WCS	Alpena.....
WAQ	Democracy.....	WCT	Theodore Roosevelt.....
WAR	Cordova.....	WCU	Conneaut.....
WAS	Chester Sun.....	WCUA	Lake Forsby.....
WAT	Skagway.....	WCUE	Lake Fossil.....
WAU	Point Loma.....	WCUI	Lake Frampton.....
WAV	Philippines.....	WCUO	Lake Franconia.....
WAW	Admiral Watson.....	WCUU	Lake Fray.....
WAY	Admiral Dewey.....	WCV	The Limit.....
WAZ	Admiral Schley.....	WCW	Woonsocket.....
WBA	Santa Clara.....	WCX	Cleveland, Ohio.....
WBA	Snug Harbor.....	WCZ	Illinois.....
WBAI	Heffron.....	WDA	Pere Marquette.....
WBAU	Addison.....	WDA	Munra.....
WBB	Santa Cecilia.....	WDAE	Musketo.....

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
WDAI	Wakan.....b	WFF	Franklin.....b
WDAU	Herman Winter.....b	WFG	Arizona.....b
WDAU	Wanzu.....b	WFI	Avalon.....b
WDB	Pere Marquette 19.....b	WFLA	Western Hope.....b
WDC	Pere Marquette 17.....b	WFII	Major Wheeler.....b
WDD	Pere Marquette 18.....b	WFIO	Bloomington.....b
WDE	Pere Marquette 20.....b	WFI	Christopher Columbus.....b
WDEA	Wihaha.....b	WFL	Lake Arthur.....b
WDEE	Andra.....b	WFN	Lake Butler.....b
WDEI	Crawl Keys.....b	WFOA	Hickman.....b
WDEO	Steadfast.....b	WFOE	Lewis Luckenbach.....b
WDEU	Bayamo.....b	WFOI	Osakis.....b
WDF	Astmahco IV.....b	WFOO	William N. Page.....b
WDG	Otsego.....b	WFOU	Phoenix Bridge.....b
WDH	Petoskey.....b	WFP	City of Erie.....b
WDI	City of Miami.....b	WFPQ	City of Buffalo.....b
WDIA	South Pole.....b	WFR	State of Ohio.....b
WDIE	Wathena.....b	WFS	Sealand.....b
WDII	Watowan.....b	WFT	Charles O. Jenkins.....b
WDIO	Westmead.....b	WPU	F. B. Squire.....b
WDIU	West View.....b	WPUA	Lake Freezout.....b
WDL	Lakeland.....b	WFUE	Lake Frenchton.....b
WDN	Ann Arbor No. 3.....b	WFUI	A. E. R. Schneider.....b
WDO	Ann Arbor No. 4.....b	WFU	Oshkosh.....b
WDOA	Agwidale.....b	WFW	Sir Thomas Shaughnessy.....b
WDOE	Auburn.....b	WFX	Manitou.....b
WDOI	Cape May.....b	WFX	Missouri.....b
WDOO	Federal.....b	WFG	Coronado.....b
WDOU	Fort Wayne.....b	WGA	City of Seattle.....b
WDP	Ann Arbor No. 5.....b	WGAA	Englewood.....b
WDR	Ann Arbor No. 6.....b	WGAE	Galesburg.....b
WDR	Detroit, Mich.....c	WGAI	Morristown.....b
WDS	City of Grand Rapids.....b	WGAO	W. S. Rheem.....b
WDU	Puritan.....b	WGAU	La Forge.....b
WDUA	Lake Frazee.....b	WGE	Astmahco III.....b
WDUE	Redlands.....b	WGC	W. F. White.....b
WDUI	Lake Freeborn.....b	WGD	Oregon.....b
WDUO	Lake Freed.....b	WGE	Spokane.....b
WDUU	Lake Freeland.....b	WGEA	Easterner.....b
WDV	City of Benton Harbor.....b	WCEE	Alvada.....b
WDX	Lake Tulare.....b	WGEI	East Indian.....b
WDZ	Aramis.....b	WGEU	Seypen.....b
WEA	City of Cleveland III.....b	WGG	Tuckerton, N. J.....c
WEB	City of Mackinac II.....b	WGIA	West Grama.....b
WEC	City of Detroit II.....b	WGIE	Nantahala.....b
WED	Western States.....b	WGII	Burnside.....b
WEE	Eastern States.....b	WGIO	Saris.....b
WEF	City of Detroit III.....b	WGJ	Northland.....b
WEG	City of St. Ignace.....b	WGK	Curacao.....b
WEH	City of Alpena II.....b	WGL	Deadnaught.....b
WEI	E. J. Earling.....b	WGM	Undaunted.....b
WEJ	Samuel Mitchell.....b	WGN	Carl D. Bradley.....b
WEK	Minnesota.....b	WGO	Chicago, Ill.....c
WEL	C. A. Smith.....b	WGOE	Polar Bear.....b
WEM	Susquehanna.....b	WGOI	Saccarappa.....b
WEN	North American.....b	WGOO	Waubesa.....b
WEO	South American.....b	WGOU	West Cressy.....b
WEP	Western King.....b	WGP	President.....b
WEQ	Montrolite.....b	WGQ	City of Puebla.....b
WER	Puget Sound.....b	WGR	Governor.....b
WES	Point Adams.....b	WGS	Senator.....b
WET	West Gotomska.....b	WGT	Western Pride.....b
WEU	Western Star.....b	WGUA	Oskawa.....b
WEW	Marquette & Bessemer No. 1.....b	WGUE	Ianca.....b
WEX	Marquette & Bessemer No. 2.....b	WGUT	Brandywine.....b
WEZ	Ashtabula.....b	WGUO	Kusdeca.....b
WFA	Georgia.....b	WGUU	Wayhut.....b
WFAA	Namecki.....b	WGW	Kerowlee.....b
WFAE	West Galeta.....b	WGX	Queen.....b
WFAI	West Hobomac.....b	WGY	City of Topeka.....b
WFAO	Volunteer.....b	WGG	Guardian.....b
WFAU	Mahaska.....b	WHB	New York, N. Y.....c
WFB	Alabama.....b	WHC	Columbia.....b
WFC	Indiana.....b	WHE	Philadelphia, Pa.....c
WFE	Carolina.....b	WHF	Callao.....b
WFEA	Eastern King.....b	WHG	W. F. Burrows.....b
WFEE	Winding Gulf.....b	WHH	Mount Shasta.....b
WFEI	West Hosokie.....b	WHI	New York, N. Y.....c
WFEO	Westport.....b	WHJ	Sierra.....b
WFEU	Matanzas.....b	WHL	Ventura.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
WHM	Sonoma.....b	WKE	Kentuckian.....b
WHP	Point Arena.....b	WKEA	Lake Deval.....b
WHR	Abner Coburn.....b	WKEE	Lake Cahoon.....b
WHS	Stanley Dollar.....b	WKEI	Lake Ypsilanti.....b
WHT	Whittier.....b	WKEO	Goodspeed.....b
WHU	Balboa.....b	WKF	American.....b
WHV	Velero.....b	WKG	S. M. Spalding.....b
WHX	Humboldt.....b	WKH	Hollywood.....b
WHZ	Johanna Smith.....b	WKIA	Fish Hawk.....b
WIA	Silver Shell.....b	WKIE	Bonham.....b
WIB	Gold Shell.....b	WKII	Eastern Light.....b
WIC	Pearl Shell.....b	WKIO	Eastern Shore.....b
WID	Charles E. Harwood.....b	WKIU	Eastern Cross.....b
WIE	Herbert G. Wylie.....b	WKJ	Iowan.....b
WIF	Edward L. Doheny.....b	WKK	Isaac L. Rice.....b
WIG	Norman Bridge.....b	WKL	Mexican.....b
WIH	C. A. Canfield.....b	WKM	Minnesotan.....b
WII	New Brunswick, N. J. (transmitting).c	WKO	Oregonian.....b
WIJ	Belmar, N. J. (receiving).c	WKO A	Zaca.....b
WIK	Edward L. Doheny, Junior.....b	WKO E	Falmouth.....b
WIN	Provincia.....b	WKO I	Cumberland.....b
WIQ	Colusa.....b	WKO O	Connorsville.....b
WIS	Frederic R. Kellogg.....b	WKO U	Central American.....b
WIT	E. R. Sterling.....b	WKP	Pennsylvanian.....b
WIU	George G. Henry.....b	WKQ	Ohioan.....b
WIV	Restorer.....b	WKR	Panaman.....b
WIW	George E. Paddleford.....b	WKS	West Arrow.....b
WIX	J. M. Danziger.....b	WKT	Texan.....b
WIY	Harold Walker.....b	WKU	Hawaiian.....b
WJA	William Green.....b	WKUI	Western Belle.....b
WJA A	Andalusia.....b	WKO U	Balino.....b
WJAA	Sangamon.....b	WKU U	West Zeda.....b
WJAE	Hokah.....b	WKV	Virginian.....b
WJAI	Yuma.....b	WKW	Absaroka.....b
WJAO	M. J. Scanlon.....b	WKX	Westward Ho.....b
WJAU	Aurora.....b	WKY	Montoso.....b
WJB	Kermoor.....b	WKZ	Canoga.....b
WJC	Keresan.....b	WLA	Benj. F. Packard.....b
WJEA	Mojave.....b	WLA A	Sarcoxie.....b
WJEE	Red Cloud.....b	WLA E	Barlow.....b
WJEI	Plainfield.....b	WLA I	Lake Grandon.....b
WJEO	Phoenix.....b	WLA U	Lake Fluvanna.....b
WJEU	Panga.....b	WLB	Jamaica.....b
WJF	Teresa.....b	WLC	New London, Conn.....c
WJG	Moccasin.....b	WLE	Maitland No. 1.....b
WJH	Krakow.....b	WLE A	Lake Farge.....b
WJIA	West Zucker.....b	WLEE	Lake Faristell.....b
WJIE	Guimba.....b	WLEI	Lake Forkville.....b
WJII	Oskaloosa.....b	WLEO	Lake Gathcoon.....b
WJIO	Independence.....b	WLE U	Lake Fugard.....b
WJIU	Schenectady.....b	WLF	Coosa.....b
WJJ	Florida.....b	WLG	Wacouta.....b
WJL	Wachusett.....b	WLH	Fort Bragg.....b
WJM	J. C. Donnell.....b	WLI	Westbrook.....b
WJN	Munaires.....b	WLIA	Santa Teresa.....b
WJO	Nyanza.....b	WLII	Goree.....b
WJO A	West Elcasco.....b	WLIO	Nantasket.....b
WJO E	West Eldara.....b	WLIU	Bologan.....b
WJO I	West Loquassuck.....b	WLJ	Monticello.....b
WJO O	West Madaket.....b	WLL	Greenwood.....b
WJO U	West Kyska.....b	WLM	Warszawa.....b
WJP	Tunica.....b	WLN	Black Arrow.....b
WJQ	Western Front.....b	WLO	Orion.....b
WJR	W. M. Tupper.....b	WLO A	Neeloh.....b
WJS	Amphion.....b	WLO E	Nupolela.....b
WJU	Osage.....b	WLO I	Columbine.....b
WJUA	Fort Pierce.....b	WLO O	Cadaretta.....b
WJUI	Cohasset.....b	WLO U	Barkhamstead.....b
WJU O	Magunkook.....b	WLQ	Sabine Sun.....b
WJU U	Bulana.....b	WLR	Floridian.....b
WJV	Guaro.....b	WLS	Princess Matoika.....b
WJW	Wyandotte.....b	WLT	Neuse.....b
WKA	Alaskan.....b	WLU	Pawnee.....b
WKA E	Socony 85.....b	WLU A	Latoka.....b
WKA I	Lake Zaliski.....b	WLU E	Haverhill.....b
WKA O	Lake Pickaway.....b	WLU I	Alamosa.....b
WKA U	Lake Copley.....b	WLU O	Alcona.....b
WKB	Arizonian.....b	WLU U	Ingold.....b
WKD	Dakotan.....b	WLV	Ida.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.		
WLX	Pequot.....	b	WNUE	Blakeley.....	b
WLY	Pozman.....	b	WNUI	Bockonoff.....	b
WLZ	Montpelier.....	b	WNUO	Brookdale.....	b
WMA	Multnomah.....	b	WNV	Hatteras.....	b
WMAA	Lake Furley.....	b	WNW	San Ramon.....	b
WMAE	Cowanshannock.....	b	WNX	Peter Reiss.....	b
WMAI	Cowboy.....	b	WNY	New York, N. Y.....	c
WMAO	Cowee.....	b	WNZ	F. J. Luckenbach.....	b
WMD	West Shore.....	b	WOA	Admiral Rodman.....	b
WMEA	Costilla.....	b	WOC	Oregon.....	b
WMEE	Cote Blanche.....	b	WOF	Horace X. Baxter.....	b
WMEI	Cotopaxi.....	b	WOG	Fred Baxter.....	b
WMEQ	Cottonplant.....	b	WOJ	Iris.....	b
WMEU	Cottonwood.....	b	WOL	Los Angeles.....	b
WMF	Celilo.....	b	WOM	William A. McKenney.....	b
WMG	Wapama.....	b	WON	La Brea.....	b
WMI	Minnesota.....	b	WOO	Idaho.....	b
WMIA	Coconino.....	b	WOP	Lake Elizabeth.....	b
WMII	Kanabec.....	b	WOT	Coalinga.....	b
WMIO	Stadacona.....	b	WOU	Oregon.....	b
WMIU	Sir Trevor Dawson.....	b	WOV	Venetia.....	b
WMJ	Ernest H. Meyer.....	b	WOW	Henry J. Biddle.....	b
WMK	Hyades.....	b	WOX	Levi G. Burgess.....	b
WML	Lurline.....	b	WOY	Queen II.....	b
WMM	Freeman.....	b	WPA	Balsto.....	b
WMN	Enterprise.....	b	WPAE	Sag Harbor.....	b
WMO	Wilhelmina.....	b	WPAI	Yomachichi.....	b
WMOA	Tillamook.....	b	WPAO	Wilcox.....	b
WMOE	Arvonla.....	b	WPB	Northbend.....	b
WMOI	Braeburn.....	b	WPC	Tyee.....	b
WMOO	Owatama.....	b	WPE	Tatoosh.....	b
WMOU	Klamath.....	b	WPH	S. M. Fischer.....	b
WMP	Matsonia.....	b	WPIE	Corrales.....	b
WMQ	Manoa.....	b	WPIL	Corsicana.....	b
WMR	Maul.....	b	WPLO	Lake Fosterla.....	b
WMS	Wahkenna.....	b	WPIU	Lake Fouché.....	b
WMT	Point Bonita.....	b	WPK	Oneonta.....	b
WMUA	Wheaton.....	b	WPL	Kerkenna.....	b
WMUE	Cokato.....	b	WPN	Florence Olson.....	b
WMUI	Charlot.....	b	WPOE	Seafarer.....	b
WMUO	Fanola.....	b	WPOI	Pioneer.....	b
WMUU	Aiken.....	b	WPOO	Chibiabos.....	b
WMV	Kermi.....	b	WPOU	Dungeness.....	b
WMY	A. M. Byers.....	b	WPQ	Washtenaw.....	b
WMZ	Honolulu.....	b	WPR	Charles M. Everest.....	b
WMAA	Craincreek.....	b	WPS	Zapora.....	b
WMAE	Cranenest.....	b	WPUE	Ensenada, Porto Rico.....	c
WMAI	Craycroft.....	b	WPUI	Starr.....	b
WMAO	Lake Callicoon.....	b	WPUO	Caddopeak.....	b
WMAU	Lake Fresco.....	b	WPUU	Callabajas.....	b
WNB	El Capitan.....	b	WQ	Cascade.....	b
WNC	Wabash.....	b	WQI	Coaxet.....	b
WND	Windber.....	b	WQJ	H. M. Whitney.....	b
WNE	Nushagak.....	b	WQK	James S. Whitney.....	b
WNEA	Lake Charlottesville.....	b	WQL	Wallula.....	b
WNEO	Dio.....	b	WQA	Harvey H. Brown.....	b
WNEU	Coweta.....	b	WQAO	Inco No. 1.....	b
WNF	Hattie Luckenbach.....	b	WQAU	Agria.....	b
WNG	Otto M. Reiss.....	b	WQD	Coulter.....	b
WNH	Clemens A. Reiss.....	b	WQE	Hoosac.....	b
WNI	William A. Reiss.....	b	WQEA	Hisko.....	b
WNIA	Cruso.....	b	WQEE	Lithopolis.....	b
WNIE	Agawam.....	b	WQEI	Everglades.....	b
WNII	Challenger.....	b	WQEO	Rebecca Palmer.....	b
WNIO	Python.....	b	WQEU	West Zula.....	b
WNIU	Cornucopia.....	b	WQF	Canibas.....	b
WNK	Richard J. Reiss.....	b	WQH	Harry W. Croft.....	b
WNL	Lake St. Clair.....	b	WQI	Fayette Brown.....	b
WNM	Florence Luckenbach.....	b	WQIA	M. A. Bradley.....	b
WNOA	Allanhurst.....	b	WQIE	Costa Rica.....	b
WNOE	Fort Riley.....	b	WQII	Mexoil.....	b
WNOI	Fort Harrison.....	b	WQIO	Bedminster.....	b
WNOO	Fort Snelling.....	b	WQIU	Holbrook.....	b
WNOU	Fort Russel.....	b	WQJ	Neponset.....	b
WNP	Pleiades.....	b	WQK	Swamscott.....	b
WNQ	Wilhelm Jebson.....	b	WQA	Sarah Weems.....	b
WNR	Rush.....	b	WQOE	Oran.....	b
WNS	Kvichak.....	b	WQOI	Tipton.....	b
WNU	New Orleans, La.....	b		Garfield.....	b
WNUA	Anthera.....	b		Tolo.....	b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
WQOO	Folsom.....b	WSOU	Lewiston.....b
WQOU	Bugaya.....b	WSP	Westhampton.....b
WQQ	Rappahannock.....b	WSQ	Vizecaya.....b
WQR	Nansemond.....b	WSR	Reuce.....b
WQS	Artemis.....b	WSS	St. Nicholas.....b
WQT	Watauga.....b	WSU	Republic.....b
WQU	Cuba.....b	WSUA	West Helix.....b
WQUA	Cokesit.....b	WSUE	West Waua.....b
WQUE	Edgecombe.....b	WSUI	West Waunakee.....b
WQUI	Flavel.....b	WSUU	Lake Gradan.....b
WQUO	Icomium.....b	WSW	Willamette.....b
WQUU	Jacana.....b	WSX	Klamath.....b
WQW	Jeannette Skinner.....b	WSZ	Bremerton.....b
WQY	Yosemite.....b	WTA	James Timpson.....b
WQZ	West Eagle.....b	WTAA	Lake Beacon.....b
WRA	O. A. Hermanson.....b	WTAE	Lake Desha.....b
WRAA	Basaan.....b	WTAI	Lake Mattato.....b
WRAE	Alabama.....b	WTAO	Lake Licoco.....b
WRAI	Allegheny.....b	WTAU	Campello.....b
WRB	Berlin.....b	WTB	Argyll.....b
WRC	Silverado.....b	WTC	Lansing.....b
WRD	D. G. Scofield.....b	WTD	Oleum.....b
WRE	J. A. Moffett.....b	WTE	Tamesi.....b
WREA	West Lashaway.....b	WTEA	Canaveral.....b
WREE	Wauconda.....b	WTEE	Cedar Spring.....b
WREI	Quistconck.....b	WTEI	Ceralvo.....b
WREO	Zirkel.....b	WTEO	Cerosco.....b
WREU	Governor John Lind.....b	WTEU	Coperas.....b
WRF	Amelia.....b	WTF	Westwood.....b
WRG	Annetta.....b	WTG	Santa Rita.....b
WRI	Paraiso.....b	WTH	Westlake.....b
WRIA	Aowa.....b	WTIA	Fernandina.....b
WRIE	Lake Gorin.....b	WTII	Socony 90.....b
WRII	Roman.....b	WTIO	Socony 94.....b
WRIO	Star 1.....b	WTIU	Deerfield.....b
WRIU	Quinneseo.....b	WTJ	Sutherland.....b
WRJ	Admiral Goodrich.....b	WTL	Lyman Stewart.....b
WRN	Siboney.....b	WTM	W. S. Porter.....b
WRO	Middlesex.....b	WTN	Wm. F. Herrin.....b
WROA	Westpool.....b	WTO	Frank H. Buck.....b
WROE	Indianapolis.....b	WTOA	Allison.....b
WROI	Lydia.....b	WTOE	Amoron.....b
WROO	E. L. Doheny, Third.....b	WTOI	Belair.....b
WROU	Belgrade.....b	WTOO	Toiler.....b
WRQ	Margaret.....b	WTOU	Coulee.....b
WRS	Suffolk.....b	WTQ	El Segundo.....b
WRUA	Kangl.....b	WTR	Richmond.....b
WRUE	Medford.....b	WTS	Col. E. L. Drake.....b
WRUI	Okiya.....b	WTT	Atlas.....b
WROU	Quittacas.....b	WTU	S. O. Co. No. 91.....b
WRUU	Wakidi.....b	WTUE	Laurel.....b
WRV	Alliance.....b	WTUI	Calvert.....b
WRX	Ozama.....b	WTUO	Houma.....b
WRZ	Rainier.....b	WTUU	West Mahomet.....b
WSAA	Dancey.....b	WTV	Captain A. F. Lucas.....b
WSAE	Apalachee.....b	WTW	Ossineke.....b
WSAO	Alabat.....b	WTX	Asuncion.....b
WSAU	Bagoso.....b	WTY	S. O. Co. No. 93.....b
WSD	Redwood.....b	WTZ	S. O. Co. No. 95.....b
WSE	New York, N. Y.....c	WVAA	Coguina.....b
WSEA	Defiance.....b	WVAE	Corapeak.....b
WSEE	W. L. Steed.....b	WVAI	Corcoran.....b
WSEI	Cricket.....b	WVAO	Conotton.....b
WSEO	Lake Fondulac.....b	WVAU	Contoocook.....b
WSEU	Lake Buckeye.....b	WVEA	Congaree.....b
WSF	Admiral Wainwright.....b	WVEE	Alanthus.....b
WSG	Norwood.....b	WVEI	Basco.....b
WSI	Santa Inez.....b	WVEO	Banago.....b
WSIA	Caribou.....b	WVEU	Isanti.....b
WSIE	Harish.....b	WVIA	Lake Gormanian.....b
WSII	Casmalia.....b	WVIE	Yamhill.....b
WSJ	Santa Alicia.....b	WVII	Buhisan.....b
WSM	Fair Oaks.....b	WVIU	Lake Govan.....b
WSN	Centralia.....b	WVOA	Council Bluffs.....b
WSO	Marion, Mass. (transmitting).....c	WVOE	Couparle.....b
WSOE	Chatham, Mass. (receiving).....c	WVOI	Courtois.....b
WSOI	Mount Rainier.....b	WVOO	Coushatta.....b
WSOO	West Sequana.....b	WVOU	Coutolene.....b
	Crathorne.....b	WVUA	Courageous.....b

COMMERCIAL LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call signal.	Station.	Call signal.	Station.
WVUE	J. B. Stetson.....b	WXIU	Aberdeen.....b
WVUI	Arado.....b	WXOA	Cowiche.....b
WVUO	Aimwell.....b	WXOE	Crabtree.....b
WVUU	Kanakee.....b	WXOI	Craigswine.....b
WWA	China.....b	WXOO	Craigsmere.....b
WWC	Western Wave.....b	WXUA	Beaumont.....b
WWD	Arcadia.....b	WXUE	Boreta.....b
WWE	Manchuria.....b	WXUI	Hampden.....b
WWF	City of Para.....b	WXUO	Monmouth.....b
WWH	Newport.....b	WXUU	Bayou Teche.....b
WWK	Western Queen.....b	WZAA	L. J. Drake.....b
WWL	San Jose.....b	WZAE	West Humhaw.....b
WWM	San Juan.....b	WZAI	Alapaha.....b
WWN	Mongolia.....b	WZAO	Botsford.....b
WWP	Ausable.....b	WZAU	E. C. Pope.....b
WWR	Rose City.....b	WZEA	Saxon.....b
WWS	Alaska.....b	WZEE	Maruba.....b
WWT	Nuuanu.....b	WZEI	G. A. Flagg.....b
WWZ	Mariana.....b	WZEU	North Pines.....b
WXAA	Ozaukee.....b	WZIA	Darrah.....b
WXAE	Yainax.....b	WZIE	Burmout.....b
WXAI	Cocopa.....b	WZII	Burnham.....b
WXAO	Danebrog.....b	WZIO	Admiral Mayo.....b
WXAU	Keota.....b	WZIU	Western Plains.....b
WXEA	Western Scout.....b	WZOA	Lake Graphite.....b
WXEE	Okesa.....b	WZOE	Lake Grattis.....b
WXEI	Western Comet.....b	WZOI	Lake Grattan.....b
WXEO	West Cape.....b	WZOO	Lake Gravella.....b
WXEU	Yukon.....b	WZOU	Lake Gravett.....b
WXIA	Victorious.....b	WZUA	Norfolk.....b
WXIE	Waneyanda.....b	WZUE	Newburgh.....b
WXII	Wenakee.....b	WZUU	Oglethorpe.....b
WXIO	Buckhorn.....b		

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[This list includes all Government land radio stations of the United States.]

Station.	Call signal.	Wave lengths.	Serv- ice.	Hours.	Station controlled by—
Alexandria, Va.....	WXY		O	X	U. S. Army.
Alpena, Mich.....	NSM	300, 600	PG	N	U. S. Navy.
Anacostia, D. C.....	NSF	300, 600	O	X	Do.
Anacostia, D. C.....	NOF	300, 600	O	X	Do.
Anderson (moored vessel).....	WZM	600, 825	O	X	U. S. Army.
Annapolis, Md.....	NSS	300, 600	PG	N	U. S. Navy.
Ashtabula, Ohio.....	NQB	300, 600	PG	N	Do.
Astoria, Oreg.....	NUZ	300, 600	PG	N	Do.
Atka Island, Alaska.....	WJI	900	O	X	Department of Interior.
Avalon, Calif.....	NZL	300, 600	PG	N	U. S. Navy.
Balboa, C. Z.....	NBA	300, 600	PG	N	Do.
Baltimore, Md.....	NBZ	300, 600	PG	N	Do.
Bar Harbor, Me. (Otter Cliffs).....	NBD	300, 600	PG	N	Do.
Bantagas, P. I.....	KUXK				Philippine Insular Gov- ernment.
Beaufort, N. C.....	NAN	300, 600	PG	N	U. S. Navy.
Bellefonte, Pa.....	WWQ				Post Office Depart- ment.
Boston, Mass.....	NAD	300, 600	PG	N	U. S. Navy.
Brooklyn, N. Y. (Navy Yard).....	NAH	300, 600	PG	N	Do.
Brooks, Alaska.....	WUV	300, 600	PR	X	U. S. Army.
Buffalo, N. Y.....	NNZ	300, 600	PG	N	U. S. Navy.
Buckree (moored vessel).....	WZL	600, 825	O	X	U. S. Army.
Calumet, Mich.....	NUG	300, 600	PG	N	U. S. Navy.
Cape Cod, Mass.....	NAE	300, 600	PG	N	Do.
Cape Hatteras, N. C.....	NDW	300, 600	PG	N	Do.
Cape Mala, R. P.....	NNT	300, 600	PG	N	Do.
Cape May, N. J.....	NSD	300, 600	PG	N	Do.
Cavite, P. I.....	NPO	300, 600	PG	N	Do.
Cayey, P. R.....	NZR	300, 600	PG	N	Do.
Cebu, P. I.....	KUXJ				Philippine Insular Gov- ernment.
Charleston, S. C.....	NAO	300, 600	PG	N	U. S. Navy.
Chatham, Mass.....	NXA	300, 600	O	X	Do.
Chicago, Ill.....	NUR	300, 600	PG	N	Do.
Chicago, Ill.....	WWG				Post Office Depart- ment.
Circle City, Alaska.....	WVA	1280	PG	(1)	U. S. Army.
Cleveland, Ohio.....	NRH	300, 600	PG	N	U. S. Navy.
Cleveland, Ohio.....	WWO				Post Office Depart- ment.
Coasters Harbor Island, R. I.....	NAF	300, 600	PG	N	U. S. Navy.
Coco Solo, C. Z.....	NNL	300, 600	PG	N	Do.
College Park, Md.....	WWX				Post Office Depart- ment.
Colon, C. Z.....	NAX	300, 600	PG	N	U. S. Navy.
Cordova, Alaska.....	NPA	300, 600	PG	N	Do.
Craig, Alaska.....	W XO	600	PR	(1)	U. S. Army.
Cuyo, P. I.....	WVX	600, 1200	PR	(2)	Philippine Insular Gov- ernment.
Darien, C. Z.....	NBA	300, 600	PG	N	U. S. Navy.
Davao, P. I.....	WVO	600, 1200	PG	(2)	Philippine Insular Gov- ernment.
Detroit, Mich.....	NRQ	300, 600	PG	N	U. S. Navy.
Duluth, Minn.....	NUX	300, 600	PG	N	Do.
Dutch Harbor, Alaska.....	NPR	300, 600	PG	N	Do.
Ecorse, Mich.....	NDL	300, 600	PG	N	Do.
Eureka, Calif.....	NPV	300, 600	PG	N	Do.
Fairbanks, Alaska.....	WVB	1500	PG	(1)	U. S. Army.
Farallons, Calif.....	NPI	300, 600	PG	N	U. S. Navy.
Fire Island, N. Y.....	NAH	300, 600	PG	N	Do.
Fort Adams, R. I.....	WUU	Variable.	O	X	U. S. Army.
Fort Andrews, Mass.....	WUA	1100	O	X	Do.
Fort Barrancas, Fla.....	WZD	600, 800, 1000, 1150, 1230	O	X	Do.
Fort Bliss, Tex.....	WZO	3100, 6000, 7000, 8000, 10000	O	N	Do.

¹ Operates from 8 a. m. to 8 p. m.

² Operates from 7 a. m. to 6 p. m.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—
Continued.

Station.	Call signal.	Wave lengths.	Serv- ice.	Hours.	Station controlled by—
Fort Brown, Tex.....	WUZ	1350, 1700, 2100, 2700, 3100, 4700, 6300, 7000	O	N	U. S. Army.
Fort Casey, Wash.....	WZJ	500	O	N	Do.
Fort Caswell, N. C.....	WUT	825	O	X	Do.
Fort Constitution, N. H.....	WZE	300, 400, 500, 600, 700, 800, 900, 1000	O	X	Do.
Fort Crockett, Tex.....	WUX	500, 900	O	X	Do.
Fort Dade, Fla.....	WZK	825	O	X	Do.
Fort De Russey, Hawaii.....	WZG	.....	O	X	Do.
Fort Drum, P. I.....	WVP	430	O	X	Do.
Fort Du Pont, Del.....	WZN	.....	O	X	Do.
Fort Egbert, Alaska.....	WVC	1500	PG	(1)	Do.
Fort Frank, P. I.....	WVL	.....	O	X	Do.
Fort Gibbon, Alaska.....	WVD	2000	PG	(1)	Do.
Fort Hancock, N. J.....	WUB	1200	O	X	Do.
Fort H. G. Wright, N. Y.....	WUC	600	O	X	Do.
Fort Howard, Md.....	WZB	600, 825, 1200	O	X	Do.
Fort Huachuca, Ariz.....	WZP	2, 300, 2750	O	N	Do.
Fort Hughes, P. I.....	WVM	600	O	X	Do.
Fort Leavenworth, Kans.....	WUD	1800	O	X	Do.
Fort Levett, Me.....	WUE	300	O	X	Do.
Fort McIntosh, Tex.....	WUH	1350, 1665, 1875, 2275, 2550, 3050	O	N	Do.
Fort Mills, P. I.....	WVZ	600	O	X	Do.
Fort Mills, P. I.....	WVN	300, 600, 825, 1200	O	N	Do.
Fort Monroe, Va.....	WUF	400, 600, 825, 1100	O	X	Do.
Fort Monroe, Va.....	WUG	600, 825	O	X	Do.
Fort Morgan, Ala.....	WUR	600, 1200	O	X	Do.
Fort Moultrie, S. C.....	WZF	600, 825	O	X	Do.
Fort Riley, Kans.....	WUI	1200	O	X	Do.
Fort Rosecrans, Calif.....	WUS	300, 575	O	X	Do.
Fort Sam Houston, Tex.....	WUJ	3100, 4700, 6300, 7500, 9500	O	N	Do.
Fort St. Michael, Alaska.....	WVE	600, 900	PG	(1)	Do.
Fort St. Philip, La.....	WXQ	450, 600, 1100	O	X	Do.
Fort San Jacinto, Tex.....	WUY	300, 1200	O	X	Do.
Fort Screven, Ga.....	WZA	825	O	X	Do.
Fort Stevens, Oreg.....	WUK	1100	O	X	Do.
Fort Story, Va.....	WXZ	360, 525, 825, 1100	O	X	Do.
Fort Terry, N. Y.....	WUW	Variable.	O	X	Do.
Fort Totten, N. Y.....	WUL	600, 800, 1100, 1230	O	N	Do.
Fort Travis, Tex.....	WXP	600, 900	O	X	Do.
Fort Whitman, Wash.....	WZC	400, 1100	O	X	Do.
Fort William McKinley, P. I.....	WVQ	600	O	X	Do.
Fort Winfield Scott, Calif.....	WUO	1100	O	X	Do.
Fort Wint, P. I.....	WVR	1200	O	X	Do.
Fort Wood, N. Y.....	WUM	600, 800, 1000, 1230	O	X	Do.
Fort Worden, Wash.....	WUN	1200	O	X	Do.
Fort Yukon, Alaska.....	WXX	600	O	(1)	Do.
Frankfort, Mich.....	NSR	300, 600	PG	N	U. S. Navy.
Galveston, Tex.....	NKB	300, 600	PG	N	Do.
Grand Haven, Mich.....	NSY	300, 600	PG	N	Do.
Great Lakes, Ill.....	NAJ	300, 600	PG	N	Do.
Guam, Guam.....	NPN	300, 600	PG	N	Do.
Guantanamo Bay, Cuba.....	NAW	300, 600	PG	N	Do.
Hampton Roads, Va.....	NAM	300, 600	PG	N	Do.
Heeia Point, Hawaii.....	NPM	300, 600	PG	N	Do.
Hillcrest, Calif.....	NPG	300, 600	PG	N	Do.
Holy Cross, Alaska.....	WVK	600	PG	(1)	U. S. Army.
Iditarod, Alaska.....	WXL	300, 500, 600, 1650	PR	(2)	Do.
Iloilo, P. I.....	KUVM	.....	.....	.....	Philippine Insular Government.
Indian Head, Md.....	NBG	300, 600	O	X	U. S. Navy.
Inglewood, Calif.....	NPX	300, 600	PG	N	Do.
Isabela de Basilan, P. I.....	KHI	200	.....	(2)	Philippine Insular Government.

1 Operates from 8 a. m. to 8 p. m.

2 Operates from 9 a. m. to 7 p. m.

3 Operates from 8.20 a. m. to 4 p. m.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—
Continued.

Station.	Call signal.	Wave lengths.	Serv- ice.	Hours.	Station controlled by—
Jacksonville, Fla.	NFI	300, 600	PG	N	U. S. Navy.
Jolo, P. I.	WVS.	600	PG	(1)	Philippine Insular Government.
Juneau, Alaska.	NVD	300, 600	PG	N	U. S. Navy.
Jupiter, Fla.	NAQ	300, 600	PG	N	Do.
Kanakanak, Alaska.	KGU	.....	O	X	Department of Inter- ior.
Ketchikan, Alaska.	NVEH	300, 600	PG	N	U. S. Navy.
Keyport, Wash.	NFZ	300, 600	PG	N	Do.
Key West, Fla.	NAR	300, 600	PG	N	Do.
Kodiak, Alaska.	NPS	300, 600	PG	N	Do.
Kotlik, Alaska.	WVF	600, 800	PG	(2)	U. S. Army.
La Palma, R. P.	NNW	300, 600	PG	N	U. S. Navy.
Light Vessel No. 1, Martins Industry, S. C.	NART	300, 600	PG	N	Do.
Light Vessel No. 3, Handkerchief, Mass.	NAQS	300, 600	PG	N	Do.
Light Vessel No. 5, Stone Horse Shoal, Mass.	NANT	300, 600	PG	N	Do.
Light Vessel No. 9, Hedge Fence, Mass.	NATD	300, 600	PG	N	Do.
Light Vessel No. 11, Scotland, N. Y.	NARV	300, 600	PG	N	Do.
Light Vessel No. 20, Cross Rip, Mass. (only).	NAQB	300, 600	PG	N	Do.
Light Vessel No. 23, Ram Island Reef, Conn.	NARX	300, 600	PG	N	Do.
Light Vessel No. 34, Charleston, S. C.	NAZJ	300, 600	PG	N	Do.
Light Vessel No. 39, Brenton Reef, R. I.	NASB	300, 600	PG	N	Do.
Light Vessel No. 41, Vineyard Sound, Mass.	NACX	300, 600	PG	N	Do.
Light Vessel No. 42, Hen and Chick- ens, Mass.	NAPP	300, 600	PG	N	Do.
Light Vessel No. 44, Northeast End, N. J.	NARS	300, 600	PG	N	Do.
Light Vessel No. 46, Tail of Horseshoe, Va.	NAZR	300, 600	PG	N	Do.
Light Vessel No. 47, Pollock Rip, Mass.	NANS	300, 600	PG	N	Do.
Light Vessel No. 48, Cornfield Point, Conn.	NASC	300, 600	PG	N	Do.
Light Vessel No. 52, Fenwick Island Shoal, Del.	NAJS	300, 600	PG	N	Do.
Light Vessel No. 54, Boston, Mass.	NADX	300, 600	PG	N	Do.
Light Vessel No. 66, Great Round Shoals, Mass.	NABJ	300, 600	PG	N	Do.
Light Vessel No. 67, Umatilla Reef, Wash.	NACV	300, 600	PG	N	Do.
Light Vessel No. 68, Fire Island.	NLS	300, 600	PG	N	Do.
Light Vessel No. 69, Overfalls, Del.	NAKT	300, 600	PG	N	Do.
Light Vessel No. 70, San Francisco, Calif. (Golden Gates).	NAKS	300, 600	PG	N	Do.
Light Vessel No. 72, Diamond Shoals, N. C.	NITQ	300, 600	PG	N	Do.
Light Vessel No. 73, Pollock Rip Blue, Mass.	NAFT	300, 600	PG	N	Do.
Light Vessel No. 74, Portland, Me.	NAMS	300, 600	PG	N	Do.
Light Vessel No. 79, Five Fathom Bank, N. J.	NADV	300, 600	PG	N	Do.
Light Vessel No. 80, Cape Lookout Shoals, N. C.	NABV	300, 600	PG	N	Do.
Light Vessel No. 81, Heald Bank, Tex.	NLP	300, 600	PG	N	Do.
Light Vessel No. 83, Blunts Reef, Calif.	NACT	300, 600	PG	N	Do.
Light Vessel No. 84, Brunswick, Ga.	NABX	300, 600	PG	N	Do.
Light Vessel No. 85, Nantucket Shoals, Mass.	NLA	300, 600	PG	N	Do.
Light Vessel No. 87, Ambrose Channel, N. Y.	NALS	300, 600	PG	N	Do.
Light Vessel No. 88, Columbia, Oreg.	NAJT	300, 600	PG	N	Do.
Light Vessel No. 91, Winter Quarter Shoals, Va.	NADT	300, 600	PG	N	Do.
Light Vessel No. 93, Swiftsure Bank, Wash.	NABT	300, 600	PG	N	Do.
Light Vessel No. 94, Frying Pan Shoals, N. C.	NLC	300, 600	PG	N	Do.
Light Vessel No. 101, Cape Charles, Va.	NAJV	300, 600	PG	N	Do.
Light Vessel No. 102, South Pass, La.	NAGT	300, 600	PG	N	Do.
Ludington, Mich.	NTM	300, 600	PG	N	Do.
Mackinac Island, Mich.	NUD	300, 600	PG	N	Do.
Malabang, P. I.	WVT	600, 1200	PG	(3)	Philippine Insular Government.
Malangas, P. I.	KUXG	.....	.....	.....	Do.

¹ Operates from 7 a. m. to 5.15 p. m.² Operates from 8 a. m. to 8 p. m.³ Operates from 7 a. m. to 7.30 p. m.

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—
Continued.

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours.	Station controlled by—
Managua, Nicaragua.....	NAZ	300,600	PG	N	U.S. Navy.
Manati, Cuba.....	NMB	300,600	PG	N	Do.
Manila, P. I.....	WVU	600	O	X	U.S. Army.
Manistique, Mich.....	NUB	300,600	PG	N	U.S. Navy.
Manitowoc, Wis.....	NTY	300,600	PG	N	Do.
Mare Island, Calif. (Navy Yard).....	NPG	300,600	PG	N	Do.
Marshfield, Oreg.....	NPF	300,600	PG	N	Do.
McGrath, Alaska.....	WXV				U.S. Army.
Miami, Fla.....	NGE	300,600	PG	N	U.S. Navy.
Milwaukee, Wis.....	NUK	300,600	PG	N	Do.
Mobile, Ala.....	NGT	300,600	PG	N	Do.
Naval Academy, Md.....	NAK	300,600	PG	N	Do.
Navassa Island, W. I.....	NKC	300,600	PG	N	Do.
New London, Conn.....	NRZ	300,600	PG	N	Do.
New Orleans, La.....	NAT	300,600	PG	N	Do.
Newport, R. I.....	NAF	300,600	PG	N	Do.
Newark, N. J.....	WWU				Post Office Department.
New York, N. Y.....	KUVS	300,400,600	PR	N	Police Department, New York City.
New York, N. Y.....	NAH	300,600	PG	N	U.S. Navy.
Nome, Alaska.....	WVG	600,2000, 2500,3000	PG	(1)	U.S. Army.
Norfolk, Va.....	NAM	300,600	PG	N	U.S. Navy.
North Head, Wash.....	NPE	300,600	PG	N	Do.
Nulato, Alaska.....	WVH	1400	PG	(1)	U.S. Army.
Olongapo, P. I.....	NPT	300,600	PG	N	U.S. Navy.
Pearl Harbor, Hawaii.....	NPM	300,600	PG	N	Do.
Peking, China.....	NPP	300,600	PG	N	Do.
Pensacola, Fla.....	NAS	300,600	PG	N	Do.
Petersburg, Alaska.....	WVI	500	PG	(1)	U.S. Army.
Philadelphia, Pa.....	NAI	300,600	PG	N	U.S. Navy.
Point Arguello, Calif.....	NPK	300,600	PG	N	Do.
Point Isabel, Tex.....	NAY	300,600	PG	N	Do.
Port Arthur, Tex.....	NJY	300,600	PG	N	Do.
Portland, Me.....	NAB	300,600	PG	N	Do.
Port au Prince, Haiti.....	NSC	300,600	PG	N	Do.
Port Royal, S. C.....	NAV	300,600	PG	N	Do.
Portsmouth, N. H.....	NAC	300,600	PG	N	Do.
Puerto Obaldia, R. P.....	NRK	300,600	PG	N	Do.
Puerto Princesa, P. I.....	WVV	600,1200	PG	(2)	Philippine Insular Government.
Puget Sound, Wash.....	NPC	300,600	PG	N	U.S. Navy.
Radio, Va.....	NAA	300,600	PG	N	Do.
Relief Light Vessel No. 2, fifth district, Baltimore.....	NUGF	300,600	PG	N	Do.
Relief Light Vessel No. 4, first district, Boston.....	NAZV	300,600	PG	N	Do.
Relief Light Vessel No. 16, third district, New York.....	NASK	300,600	PG	N	Do.
Relief Light Vessel No. 49, sixth district, Baltimore.....	NESC	300,600	PG	N	Do.
Relief Light Vessel No. 53, sixth district, South Carolina.....	NAJC	300,600	PG	N	Do.
Relief Light Vessel No. 76, twelfth district.....	NACD	300,600	PG	N	Do.
Relief Light Vessel No. 78, third district, New York.....	NITR	300,600	PG	N	Do.
Relief Light Vessel No. 86, first naval district.....	NAJJ	300,600	PG	N	Do.
Relief Light Vessel No. 90, first district, Boston.....	NITS	300,600	PG	N	Do.
Relief Light Vessel No. 92, thirteenth district, Pacific.....	NADB	300,600	PG	N	Do.
Rockaway Beach, N. Y.....	NAH	300,600	PG	N	Do.
St. Augustine, Fla.....	NAP	300,600	PG	N	Do.
St. Croix, V. I.....	NNI	300,600	PG	N	Do.
St. George, Alaska.....	NPY	300,600	PG	N	Do.
St. Paul, Alaska.....	NPQ	300,600	PG	N	Do.
St. Thomas, V. I.....	NBB	300,600	PG	N	Do.
San Diego, Calif.....	NPL	300,600	PG	N	Do.
San Domingo City, D. R.....	NJG	300,600	PG	N	Do.
San Francisco, Calif.....	NPG	300,600	PG	N	Do.
San Francisco Beach, Calif.....	NPG	300,600	PG	N	Do.
San Jose, P. I.....	WVY	600	PG	(2)	Philippine Insular Government.
San Juan, P. R.....	NAU	300,600	PG	N	U. S. Navy.
San Pedro, Calif.....	NPX	300,600	PG	N	Do.

¹ Operates from 8 a. m. to 8 p. m.² Operates from 7 a. m. to 6 p. m.

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GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—
Continued.

Station.	Call signal.	Wave lengths.	Serv- ice.	Hours.	Station controlled by—
Savannah, Ga.....	NEV	300,600	PG	N	U. S. Navy.
Sayville, N. Y.....	NDD	300,600	PG	N	Do.
Sea Gate, N. Y.....	NAH	300,600	PG	N	Do.
Seattle, Wash.....	KPE	300,450,525, 600	PG	N	Harbor Department, City of Seattle.
Seattle, Wash.....	NVL	300,600	PG	N	U. S. Navy.
Seward, Alaska.....	NPV	300,600	PG	N	Do.
Shanghai, China.....	NEJ	300,600	PG	N	Do.
Shanghai, China.....	WZI				U. S. Army.
Siasconsett, Mass.....	NBS	300,600	PG	N	U. S. Navy.
Sitka, Alaska.....	NPB	300,600	PG	N	Do.
Tampa, Fla.....	NGL	300,600	PG	N	Do.
Tatoosh, Wash.....	NPD	300,600	PG	N	Do.
Tien-Tsin, China.....	WYX				U. S. Army.
Tongshan, China.....	WJD				Do.
Tutula, Samoa.....	NPU	300,600	PG	N	U. S. Navy.
Virginia Beach, Va.....	NCZ	300,600	PG	N	Do.
Vladivostok, Siberia.....	NPH	300,600	PG	N	Do.
Washington, D. C. (Navy Department)	NAA	300,600	PG	N	Do.
Washington, D. C. (Arlington).....	NAA	300,600	PG	N	Do.
Washington, D. C. (Navy Yard).....	NAL	300,600	PG	N	Do.
Washington, D. C. (Bureau of Stand- ards).....	NSJ	300,600	O	X	Do.
Washington, D. C. (Signal Corps labo- ratory).....	WUP	Variable.	O	X	U. S. Army.
Washington, D. C. (Signal Corps labo- ratory).....	WUQ	Variable.	O	X	Do.
Washington, D. C. (Bureau of Stand- ards).....	WWV	Variable.	O	X	Department of Com- merce.
Wilmington, N. C.....	NWN	300,600	PG	N	U. S. Navy.
Wrangell, Alaska.....	WVJ	475	PG		U. S. Army.
Yerba Buena, Calif. (Goat Island).....	NPG	300,600	PG	N	U. S. Navy.
Zamboanga, P. I.....	WWV	600,1200	PG		Philippine Insular Gov- ernment.

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

[All naval stations are open to general public service and maintain a continuous service. The normal wave length is 600 meters, but all vessels are equipped to transmit and receive on a wave length of 300 meters.]

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
A-2.....	NXB	Benham.....	NIJ	Charlotte.....	NMN
A-3.....	NXC	Bernadou.....	NESS	Chase.....	NUMK
A-4.....	NXD	Biddle.....	NVW	Chattanooga.....	NGI
A-5.....	NXE	Billingsley.....	NUPQ	Chauncey.....	NIFF
A-6.....	NXF	Birmingham.....	NCN	Chemung.....	NARG
A-7.....	NXG	Bittern.....	NIJR	Chester.....	NDG
AA-1.....	NILB	Black Hawk.....	NAID	Chew.....	NEMZ
AA-2.....	NABB	Blakely.....	NVX	Chewink.....	NIJV
AA-3.....	NABZ	Bobolink.....	NIJJ	Cheyenne.....	NDH
Aaron Ward.....	NELX	Boggs.....	NAMT	Chicago.....	NDI
Abbot.....	NOB	Borie.....	NULL	Childs.....	NULN
Acushnet (C. G. C.).....	NRU	Boston.....	NGC	Claxton.....	NEQZ
Ajax.....	NAKD	Bothwell (C. G. C.).....	NEKD	Clemson.....	NEZT
Alabama.....	NBI	Boyce (C. G. C.).....	NISD	Cleveland.....	NDM
Alameda.....	NUGJ	Branch.....	NEML	Coast Torpedo Boat No. 6.....	NIFT
Albany.....	NBJ	Brant.....	NAFF	Coghlan.....	NUPK
Albatross.....	NQY	Brazos.....	NIFK	Cole.....	NEST
Alden.....	NULK	Breck.....	NULZ	Colhoun.....	NAJL
Alert.....	NBL	Breckinridge.....	NERZ	Colonel George Armi- stead.....	WYG
Algonquin (C. G. C.).....	NRA	Breeze.....	NESM	Colorado.....	NECR
Algorma.....	NEVP	Bridge.....	NOI	Columbia.....	NGA
Allegheny.....	NACZ	Bridgeport.....	NGR	Columbine (L. H. T.).....	NLL
Allen.....	NJD	Brooklyn.....	NFA	Comanche (C. G. C.).....	NRW
Ammen.....	NBP	Brooks.....	NEZX	Comfort.....	NDO
Androscoggin (C. G. C.).....	NRD	Broome.....	NEXP	Concord.....	NQH
Anemone (L. H. T.).....	NABP	Bruce.....	NUPS	Connecticut.....	NDQ
Annapolis.....	NBR	Brutus.....	NNA	Coner.....	NSN
Anthony.....	NEVS	Buchanan.....	NEQS	Constellation.....	NEDF
Antigone.....	KOKN	Buffalo.....	NCU	Constellation (old).....	NEY
Apache (C. G. C.).....	NACB	Buford.....	WXA	Constitution.....	NEBF
Aramis.....	NARP	Bulmer.....	NUPN	Constitution (old).....	NLZ
Arapaho.....	NAPR	Burns.....	NAFS	Contocook.....	NELR
Arbutus (L. H. T.).....	NAGM	Burnside.....	WXR	Converse.....	NAPM
Arcata (C. G. C.).....	NADD	Burrows.....	NCV	Corynham.....	NJB
Arethusa.....	NBU	Push.....	NETT	Cook (C. G. C.).....	NTGT
Arizona.....	NBW	Bushnell.....	NZC	Cormorant.....	NTKV
Arkansas.....	NBV	C-1.....	NKK	Cowell.....	NETV
Aroostook.....	NMK	C-2.....	NXL	Crane.....	NFB
Asheville.....	NELV	C-3.....	NXM	Craven.....	NERJ
Astoria.....	NGM	C-4.....	NXN	Crook.....	WXB
Atlantic.....	NENN	C-5.....	NXO	Crosby.....	NEZS
Auk.....	NIJT	Cadmus.....	WUAB	Crownshield.....	NADF
Aulick.....	NERG	Caesar.....	NCY	Culgoa.....	NDU
Avocet.....	NADP	Caldwell.....	NSI	Cummings.....	NIL
Aylwin.....	NIH	California.....	NDF	Cumberland.....	NSZ
Azalea (L. H. T.).....	NXU	Camden.....	NAPR	Curacao.....	NAGQ
B-1.....	NXH	Canandaigua.....	NCR	Curlew.....	NLJB
B-2.....	NXI	Canonicus.....	NCS	Cushing.....	NIM
B-3.....	NXJ	Captain A. M. Wether- ill.....	WYT	Cuyama.....	NOT
Babbitt.....	NEPX	Captain Charles W. Rowell.....	WYI	Cyan.....	NIFV
Bache (C. & G. S.).....	NLK	Captain Gregory Bar- rett.....	WYP	Cygan (C. G. C.).....	NTCP
Badger.....	NEPT	Captain James For- nance.....	WYM	Cypress (L. H. T.).....	NLM
Badger, George E.....	NUJG	Captain T. M. Morri- son.....	WYZ	Cyrus W. Field.....	WXS
Bagaduce.....	NAZP	Cardinal.....	NAFN	D-1.....	NXP
Bagley.....	NVU	Carr (C. G. C.).....	NEXP	D-2.....	NXQ
Bailey.....	NCF	Carrabasset.....	NEVQ	D-3.....	NXR
Bainbridge.....	NUQL	Case.....	NUNX	Dahlgren.....	NVZ
Balch.....	NIH	Cassin.....	NIK	Dale.....	NUND
Ballard.....	NIGN	Castine.....	NDA	Dallas.....	NENM
Baltimore.....	NCH	Cayuga.....	NAPP	Davis.....	NJF
Bancroft.....	NAJQ	Cedar (L. H. T.).....	NLW	Decatur.....	NUQV
Barry.....	NUQP	Celtic.....	NDB	Delaware.....	NEK
Barker.....	NUJK	Champlin.....	NEQJ	De Long.....	NWB
Barney.....	NVV	Chandler.....	NAGL	Delphy.....	NEZQ
Bath.....	NHY	Charles Ausburne.....	NUPR	Dent.....	NEGF
Beale.....	NCL	Charles S. Osborne.....	NABG	Denver.....	NEM
Bear (C. G. C.).....	NRB	Charleston.....	NFE	Des Moines.....	NEN
Beaufort.....	NEQQ			Despatch.....	NIDF
Beaver.....	NEZZ			Dickerson.....	NAFC
Belknap.....	NATG				
Bell.....					

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Dix.....	WXC	Explorer (C. & G. S.)..	NAVM	H-6.....	NEFC
Dixie.....	NEP	F-2.....	NXV	H-7.....	NEJG
Dobbin.....	NUNR	F-3.....	NXW	H-8.....	NELN
Dolphin.....	NEQ	Fairfax.....	NTN	H-9.....	NEBV
Dorsey.....	NELG	Falcon.....	NEKN	Hale.....	NACL
Downes.....	NIN	Fanning.....	NFM	Hamilton.....	NIFL
Doyen.....	NUJS	Farquhar.....	NANZ	Hancock.....	NHI
Drayton.....	NET	Farragut.....	NVS	Hannibal.....	NGU
Dreadnaught.....	NCX	Favorite.....	NAJN	Haraden.....	NEXZ
Dubuque.....	NEU	Fern (L. H. T.).....	NAFV	Harbor Tug No. 61.....	NUMX
Duncan.....	NIR	Finch.....	NAJP	Harbor Tug No. 63.....	NULD
Dupont.....	NWC	Flamingo.....	NIJN	Harbor Tug No. 64.....	NUMT
Dyer.....	NACN	Florida.....	NFR	Harbor Tug No. 67.....	NULG
E-1.....	NXS	Flusser.....	NUNF	Harbor Tug No. 68.....	NUMR
E-2.....	NXT	Foote.....	NWF	Harbor Tug No. 74.....	NEKP
Eagle 1.....	NEJB	Ford.....	NUQJ	Harding.....	NEMV
Eagle 2.....	NEJC	Fortune.....	NEGS	Hart.....	NENV
Eagle 3.....	NEJD	Fox.....	NWJ	Hartford.....	NGV
Eagle 4.....	NEJF	Frederick.....	NJS	Hatfield.....	NEZV
Eagle 5.....	NEJG	Fuller.....	NIFG	Hazelwood.....	NENS
Eagle 6.....	NEJJ	Fulton.....	NZD	Heather (L. H. T.).....	NAKL
Eagle 7.....	NEJK	G-1.....	NXY	Helena.....	NGY
Eagle 8.....	NEJL	G-2.....	NXZ	Henderson.....	NOH
Eagle 9.....	NEJM	G-3.....	NYA	Henley.....	NHA
Eagle 10.....	NEJN	G-4.....	NYB	Henry Wilson.....	WZS
Eagle 11.....	NEJP	Galveston.....	NGD	Henshaw.....	NUJQ
Eagle 12.....	NEJQ	Gamble.....	NEZR	Herbert.....	NEMJ
Eagle 13.....	NEJR	Gannett.....	NIJX	Hercules.....	NEKR
Eagle 14.....	NEJS	Gen. Alava.....	NAMG	Herdon.....	NENJ
Eagle 15.....	NEJT	Gen. A. M. Randal.....	WYJ	Heron.....	NENL
Eagle 17.....	NEJX	Gen. E. O. C. Ord.....	WYF	Hibiscus (L. H. T.).....	NAKN
Eagle 18.....	NEJZ	Gen. George H. Weeks.....	WZT	Hogan.....	NEXT
Eagle 19.....	NEKB	Gen. G. W. Getty.....	WYS	Hopewell.....	NEXX
Eagle 23.....	NEKG	Gen. Harvey Brown.....	WYK	Hopkins.....	NUQM
Eagle 25.....	NEKK	Gen. Henry J. Hunt.....	WYD	Housatonic.....	NFX
Eagle 26.....	NEXF	Gen. Henry Knox.....	WYE	Houston.....	NGZ
Eagle 27.....	NEXG	Gen. J. M. Brannan.....	WYV	Hovey.....	NEPB
Eagle 28.....	NEXM	Gen. John M. Schofield.....	NXW	Howard.....	NIFM
Eagle 29.....	NEYN	Gen. Mifflin.....	WZX	Hulbert.....	NUKD
Eagle 31.....	NEZG	Gen. Nathaniel Greene.....	WZR	Hull.....	NUQT
Eagle 32.....	NEZJ	Gen. R. B. Ayres.....	WYL	Humphreys.....	NUXX
Eagle 33.....	NIBB	Gen. R. H. Jackson.....	WYW	Hunt.....	NUJF
Eagle 34.....	NIBD	Gen. Richard Arnold.....	WYV	Huntington.....	NWG
Eagle 35.....	NIBG	Gen. R. N. Batchelder.....	WZW	Huron.....	NSX
Eagle 36.....	NIBK	Gen. Robt. Anderson.....	WYH	Hyacinth (L. H. T.).....	NAGV
Eagle 37.....	NIBM	Gen. Robt. W. Swart- out.....	WYU	Idaho.....	NHN
Eagle 38.....	NIBN	Gen. Royal T. Frank.....	WYA	Illinois.....	NHO
Eagle 39.....	NIBC	Gen. S. B. Holabird.....	WYV	Indiana.....	NHQ
Eagle 40.....	NIBF	Gen. S. M. Mills.....	WYB	Ingraham.....	NENX
Eagle 41.....	NIBJ	Gen. Timothy Pick- ering.....	WZQ	Ingram, Osmond.....	NIGF
Eagle 42.....	NIBL	Gen. Wm. M. Graham.....	WEY	Intrepid.....	NEY
Eagle 43.....	NIBT	Georgia.....	NGF	Iowa.....	NHT
Eagle 44.....	NIBQ	Gillis.....	NERR	Iris (L. H. T.).....	NALL
Eagle 45.....	NIBR	Glacier.....	NERB	Iroquois.....	NHV
Eagle 46.....	NIBS	Glilmer.....	NECH	Isherwood.....	NUNV
Eagle 47.....	NIBV	Coft.....	NUQF	Israel.....	NENG
Eagle 48.....	NIBX	Coldsborough.....	NGJ	Itasca (C. G. C.).....	NBI
Eagle 50.....	NIBZ	Corgona.....	NDJ	Iuka.....	NEVR
Eagle 51.....	NICB	Graham.....	NAGJ	Ivy (L. H. T.).....	NAKV
Eagle 52.....	NICC	Great Northern.....	WIR	Jacob Jones.....	NEPZ
Eagle 53.....	NICD	Grebe.....	NIKX	Jarvis.....	NIB
Eagle 54.....	NICF	Greene.....	NIGM	Jason.....	NXB
Eagle 55.....	NICG	Greer.....	NEKT	Jenkins.....	NID
Eagle 56.....	NICK	Gresham (C. G. C.).....	NEG	J. Fred Talbot.....	NIGR
Eagle 57.....	NICL	Gridley.....	NEMX	Johanson (C. G. C.).....	NIQP
Eagle 58.....	NICM	Gulfport.....	NHS	John D. Edwards.....	NUPC
Eagle 59.....	NICN	Gwalla.....	WUAD	John Frances Burnes.....	NIGQ
Eagle 60.....	NICK	Gwyn.....	NAGX	Joseph Henry.....	WXT
Earp (C. G. C.).....	NEKF	Gypsum Prince.....	WUAC	Joutet.....	NIE
Edsall.....	NIGL	Gypsum Queen.....	NAKC	K-1.....	NYF
Edwards.....	KOKJ	H-1.....	NYC	K-2.....	NYG
Eider.....	NIKR	H-2.....	NYD	K-3.....	NYH
El Cano.....	NFD	H-3.....	NYE	K-4.....	NYI
Elliot.....	NERV	H-4.....	NEQM	K-5.....	NYJ
Ellis.....	NIFD	H-5.....	NETG	K-6.....	NYK
Ericsson.....	NIS			K-7.....	NYL
Evans.....	NEMS			K-8.....	NYM
				Kalk.....	NIGD
				Kalmia.....	NAZS

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Kanawha.....	NND	Major Guy Howard...	WZY	Natoma.....	NUGG
Kane.....	NULM	Major Samuel Ringgold	WYC	Narragansett.....	NAMN
Kankakee (C. G. C.)	NUMZ	Mallard.....	NIKB	Navajo.....	NKZ
Kansas.....	NIO	Mangrove (L. H. T.)	NANV	Navesink.....	WXU
Kaweah.....	NUGK	Manhattan (C. G. C.)	NEKZ	Nebraska.....	NMA
Kearsarge.....	NIP	Manley.....	NSH	Neches.....	NIFP
Kennedy.....	NAZM	Manning (C. G. C.)	NRN	Neptune.....	NMS
Kennison.....	NEQX	Mansfield.....	NUMV	Nereus.....	NNF
Kentucky.....	NIQ	Manzanita (L. H. T.)	NLU	Nero.....	NEDX
Keosauqua.....	NEXC	Maple (L. H. T.)	NAPV	Nevada.....	NCA
Kewadin.....	NAXN	Marblehead.....	NGK	New Hampshire.....	NME
Kidder.....	NUJX	Marcus.....	NUMG	New Jersey.....	NMF
Kilkenny.....	KKI	Marigold (L. H. T.)	NAQV	New Mexico.....	NQW
Kilpatrick.....	WXD	Mars.....	NJR	New Orleans.....	NMG
Kilty.....	NAKX	Maryland.....	NARC	Newport.....	NMH
Kimberly.....	NADL	Mason.....	NAGG	Newport News.....	NHZ
King.....	NULP	Massachusetts.....	NJT	New York.....	NCC
Kingfisher.....	NALP	Mattole.....	NUGM	Niagara.....	NABC
Kittery.....	NHW	Maumee.....	NNE	Nicholas.....	NUNZ
Klingelhoef (C. G. C.)	NISC	Maury.....	NEPG	Nicholson.....	NIU
Knudsen (C. G. C.)	NEXL	Mayflower (L. H. T.)	NZQ	Nitro.....	NELL
Koka.....	NETZ	Mayflower (President's		Noa.....	NUKF
Kukui (L. H. T.)	NLF	yacht).....	NJV	Nopatin.....	NAMQ
L-1.....	NYN	Mayrant.....	NJU	North Carolina.....	NISK
L-2.....	NYO	McCall.....	NJW	North Dakota.....	NMO
L-3.....	NYP	McCalla.....	NIKC	Northern Pacific.....	WIM
L-4.....	NYQ	McCawley.....	NULS	O-1.....	NEXJ
L-5.....	NYR	McCook.....	NIGB	O-2.....	NETJ
L-6.....	NYS	McCormick.....	NUPZ	O-3.....	NAMR
L-7.....	NYT	McDermut.....	NIKG	O-4.....	NAMX
L-8.....	NYU	McDougal.....	NTT	O-5.....	NAMZ
L-9.....	NYV	McFarland.....	NETB	O-6.....	NANB
L-10.....	NYW	McGourty (C. G. C.)	NEJV	O-7.....	NANC
L-11.....	NYX	McKean.....	NEMT	O-8.....	NAND
Lamberton.....	NAZL	McKee.....	NACQ	O-9.....	NAGB
Lamson.....	NUNC	McLanahan.....	NIKC	O-10.....	NAXT
Langley.....	NNC	Meade.....	NEBJ	O-11.....	NETK
Lansdale.....	NERL	Medusa.....	NEMC	O-12.....	NETL
Lapwing.....	NALC	Mechalantos (C. G. C.)	NI DL	O-13.....	NEZN
Laramie.....	NUGL	Melville.....	NKA	O-14.....	NEVD
Lardner.....	NUFP	Meroy.....	NKK	O-15.....	NAXS
Lark.....	NIJK	Meredith.....	NETS	O-16.....	NASM
Larkspur (L. H. T.)	NAMB	Merritt.....	WXI	O'Bannon.....	NEXS
Larsen (C. G. C.)	NI TK	Mervine.....	NUMJ	O'Brien.....	NIV
Laub.....	NI GJ	Meyer.....	NIJR	Ohio.....	NMW
Laurel (L. H. T.)	NALV	Mexican.....	NAMC	Oil Barge No. 9.....	NEQL
La Vallette.....	NIJT	Michigan.....	NIZ	Oklahoma.....	NCB
Lawrence.....	NI QQ	Minneapolis.....	NGB	Olympia.....	NGG
Lea.....	NETF	Minnesota.....	NKD	Onondaga (C. G. C.)	NRO
Leary.....	NAFL	Mississippi.....	NKE	Ontario.....	NTA
Lebanon.....	NI Z	Missouri.....	NKM	Orchid (L. H. T.)	NLT
Leonidas.....	NNH	Missoula.....	NKF	Oregon.....	NMZ
Lexington.....	NEDB	Mohawk.....	NTO	Oriole.....	NEVM
Lieut. Geo. M. Harris	WYR	Mohave.....	NUFB	Orion.....	NOC
Lilae (L. H. T.)	NUCF	Mohican.....	NZA	Ortolan.....	NIKC
Lisicum.....	WXE	Monadnock.....	NHD	Osborne.....	NIQC
Litchfield.....	NUMM	Monaghan.....	NKL	Osceola.....	NOA
Little.....	NRT	Monocacy.....	NQQ	Osprey.....	NIJL
Logan.....	WXF	Montana.....	NI SJ	Ossipee.....	NI RJ
Long, J. D.....	NEPD	Montcalm.....	NEQF	Overton.....	NI ZD
Long Beach.....	NEFZ	Monterey.....	NKN	Oveson (C. G. C.)	NI ZD
Louisiana.....	NIB	Montgomery.....	NAXJ	Owl.....	NACS
Luce.....	NEGD	Moody.....	NULT	Ozark.....	NHH
Ludlow.....	NENZ	Morrill (C. G. C.)	NRC	Ozette.....	NEDN
Lydena.....	NDR	Morris.....	NWS	Paducah.....	NOG
Lykens.....	NALK	Mount Vernon.....	WUAA	Palmer.....	NECV
M-1.....	NY Y	Mugford.....	NEXR	Palos.....	NQS
MacDonough.....	NUQR	Mullary.....	NUML	Pamlico (C. G. C.)	NRR
Machias.....	NQL	Murray.....	NAXK	Pampanga.....	NOT
Mackenzie.....	NEVX	N-1.....	NZE	Panther.....	NOJ
Mackinac (C. G. C.)	NUGD	N-2.....	NZF	Parker.....	NIX
MacLeish.....	NUPT	N-3.....	NZG	Parrott.....	NUPD
Maddox.....	NETX	N-4.....	NZHI	Partridge.....	NIJG
Madrono (L. H. T.)	NAMV	N-5.....	NZI	Patapsco.....	NOL
Magnolia (L. H. T.)	NAPS	N-6.....	NZJ	Pathfinder (C. & G. S.)	NIJ
Mahan.....	NEQK	N-7.....	NZK	Patoka.....	NUGN
Mahopac.....	NETD	Nanshan.....	NNK	Patterson.....	NOK
Maine.....	NJL	Nantucket.....	NFU	Patuxent.....	NOM
Major Albert G. Forse	WYQ	Nansemond.....	NETL	Paulding.....	NON
Major Evan Thomas..	WYO	Napa.....	NEVC	Paulding, James K...	NUJM

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Paul Hamilton.....	NAQN	Rappahannock.....	NJO	Saint Louis.....	NTF
Paul Jones.....	NUQN	Rathburne.....	NACR	Salem.....	NTP
Pawnee.....	NUH	Raven.....	NIKZ	Salinas.....	NUGR
Pawtucket.....	NUJ	Redwing.....	NIKG	Samar.....	NILX
Peacock.....	NIKD	Reid.....	NUNK	Samoa.....	NABR
Peary.....	NUQD	Relief No. 1 (hospital ship).....	NEPQ	Samoset.....	NUU
Pecos.....	NIFQ	Reno.....	NAMD	Sampson.....	NKS
Pelican.....	NEFK	Reno.....	WYN	Sanderling.....	NJIS
Penguin.....	NECT	Renshaw.....	NEVZ	Sandpiper.....	NIKK
Pennsylvania.....	NCE	Reuben James.....	NUNT	Sands.....	NULQ
Penobscot.....	NOE	Rhode Island.....	NTX	San Francisco.....	NTQ
Pensacola.....	NGN	Richards.....	NIDG	San Pedro.....	WZZ
Pentucket.....	NUL	Ringgold.....	NALT	Santa Leonora.....	KIML
Peoria.....	NOW	Rizal.....	NEVV	Sapelo.....	NUGS
Pequot (C. G. C.).....	NUPJ	Roanoke.....	NHU	Sara Thompson.....	NEMD
Perry.....	NUQS	Robert L. Barnes.....	NAZZ	Saratoga.....	NELB
Percival.....	NIPJ	Robin.....	NANQ	Satterlee.....	NAGC
Perkins.....	NOX	Robinson.....	NAJX	Saturn.....	NNM
Petrel.....	NOZ	Rochester.....	NTR	Savannah.....	NGS
Philip.....	NEDG	Rocket.....	NUT	Scally (C. G. C.).....	NEKC
Pigeon.....	NIKF	Rodgers.....	NWT	Schenck.....	NEMG
Pillsbury.....	NUQG	Roe.....	NTZ	Schley.....	NKT
Pinola.....	NEVL	Roper.....	NERX	Sciota.....	NEVK
Piscataqua.....	NAQC	Rose (L. H. T.).....	NASD	Scorpion.....	NTT
Pittsburgh.....	NOT	Rowan.....	NKR	Seagull.....	NLJM
Plattsburg.....	NANJ	S-1.....	NIMG	Seattle.....	NAPG
Pompey.....	NQF	S-2.....	NIMJ	Sebago.....	NUV
Pope.....	NUQB	S-3.....	NIMK	Selfridge.....	NUJZ
Porter.....	NOO	S-4.....	NIML	Seminole (C. G. C.).....	NRS
Potomac.....	NQK	S-5.....	NIMM	Semmes.....	NAFZ
Prairie.....	NQM	S-6.....	NIMN	Seneca (C. G. C.).....	NRE
Preble.....	NUNG	S-7.....	NIMP	Sepulga.....	NUGT
Preston.....	NUNJ	S-8.....	NIMQ	Sequoia (L. H. T.).....	NLV
Prometheus.....	NQR	S-9.....	NIMR	Sharkey.....	NULV
Proteus.....	NNG	S-10.....	NIMS	Shaw.....	NKU
Pruitt.....	NUPV	S-11.....	NIMT	Shawmut.....	NML
Pueblo.....	NDN	S-12.....	NIMV	Sheridan.....	WXJ
Putnam.....	NUPG	S-13.....	NIMX	Sherman.....	WXX
Pyro.....	NELK	S-14.....	NIMZ	Shirk.....	NUJV
Quail.....	NIKQ	S-15.....	NINB	Shubrick.....	NWU
Quigley (C. G. C.).....	NIDB	S-16.....	NINC	Sialia.....	WFY
Quincy.....	NGQ	S-17.....	NIND	Sicard.....	NUPL
Quiros.....	NQZ	S-18.....	NINF	Sigourney.....	NAJB
R-1.....	NILC	S-19.....	NING	Simpson.....	NUPX
R-2.....	NILD	S-20.....	NINJ	Sinclair.....	NULR
R-3.....	NILF	S-21.....	NINK	Sloat.....	NUMD
R-4.....	NILG	S-22.....	NINL	Slocum.....	WWY
R-5.....	NILJ	S-23.....	NINM	Smith.....	NIXG
R-6.....	NILK	S-24.....	NINN	Smith, Robert.....	NUKB
R-7.....	NILL	S-25.....	NINP	Snohomish (C. G. C.).....	NRF
R-8.....	NILM	S-26.....	NINQ	Solace.....	NST
R-9.....	NILN	S-27.....	NINR	Somers.....	NWV
R-10.....	NILP	S-28.....	NINS	Sonoma.....	NTG
R-11.....	NILQ	S-29.....	NINT	Sotoyomo.....	NECZ
R-12.....	NILR	S-30.....	NINV	Southard.....	NAJK
R-13.....	NILS	S-31.....	NINX	South Bend.....	KEXQ
R-14.....	NILT	S-32.....	NINZ	South Carolina.....	NSW
R-15.....	NASV	S-33.....	NIPB	South Dakota.....	NISG
R-16.....	NASX	S-34.....	NIPC	S. P. 43 (Daraga).....	NUBB
R-17.....	NAFX	S-35.....	NIPD	S. P. 54 (Patrol No. 6).....	NUBK
R-18.....	NEGC	S-36.....	NIPF	S. P. 156 (Winchester).....	NUKS
R-19.....	NEGK	S-37.....	NIPG	S. P. 164 (May).....	NALQ
R-20.....	NARZ	S-38.....	NIPJ	S. P. 179 (Privater).....	NUDF
R-21.....	NILV	S-39.....	NIPK	S. P. 181 (Helori).....	NEFS
R-22.....	NILX	S-40.....	NIPL	S. P. 185 (Clarinda).....	NUFZ
R-23.....	NILZ	S-41.....	NIPM	S. P. 214 (Edithia).....	NUCX
R-24.....	NIMB	S-42.....	NIPN	S. P. 249 (Hauoli).....	NUCZ
R-25.....	NIMC	S-43.....	NIPP	S. P. 265 (Pocomoke).....	NUCT
R-26.....	NIMD	S-44.....	NIPQ	S. P. 399 (Legonia).....	NUFG
R-27.....	NIMF	S-45.....	NIPR	S. P. 415 (Kemah).....	NAKQ
Radford.....	NEXB	S-46.....	NIPS	S. P. 493 (Cahill).....	NDV
Rail.....	NAQJ	S-47.....	NIPT	S. P. 521 (Isabel).....	NHF
Rainbow.....	NFZ	S-48.....	NIPV	S. P. 522 (Chas. Mann).....	NUBT
Raleigh.....	NTE	S-49.....	NIPX	S. P. 524 (Margaret).....	NQP
Ramapo.....	NUGP	S-50.....	NIPZ	S. P. 573 (Easthamp- ton).....	NUCG
Ramsay.....	NIFC	S-51.....	NIQK	S. P. 609 (Nokomis).....	NAMM
Ranger.....	NELF	Sacramento.....	NQV	S. P. 642 (Felicia).....	NUCS
Ranger (C. & G. S.).....	NUDG	Sagamore.....	NANX	S. P. 680 (Ardent).....	NUCR
Rapidan.....	NUGQ				

GOVERNMENT SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—
Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
S. P. 681 (Breakwater)	NUMS	Sub. chaser No. 73.	NODX	Sub. chaser No. 220.	NOPB
S. P. 707 (Endion)	NUDR	Sub. chaser No. 74.	NODZ	Sub. chaser No. 221.	NOPC
S. P. 714 (Galatea)	NKP	Sub. chaser No. 77.	NOFB	Sub. chaser No. 222.	NOPD
S. P. 724 (Fearless)	NEKM	Sub. chaser No. 91.	NOFT	Sub. chaser No. 223.	NOPF
S. P. 726 (Orca)	NUBS	Sub. chaser No. 93.	NOFX	Sub. chaser No. 224.	NOPG
S. P. 765 (Adelante)	NUCK	Sub. chaser No. 95.	NOGB	Sub. chaser No. 225.	NOPJ
S. P. 813 (Corona)	NNQ	Sub. chaser No. 96.	NOGC	Sub. chaser No. 226.	NOPK
S. P. 838 (Lawrence, John L.)	NUFL	Sub. chaser No. 97.	NOGD	Sub. chaser No. 228.	NOPM
S. P. 909 (Eaglet)	NUBC	Sub. chaser No. 98.	NOGF	Sub. chaser No. 229.	NOPN
S. P. 951 (Utoanah)	NJJI	Sub. chaser No. 100.	NOGJ	Sub. chaser No. 230.	NOPP
S. P. 1014 (Sea Rover)	NEX	Sub. chaser No. 101.	NOGK	Sub. chaser No. 231.	NOPQ
S. P. 1015 (Challenge)	NEKS	Sub. chaser No. 102.	NOGL	Sub. chaser No. 232.	NOPR
S. P. 1116 (Genesee)	NKG	Sub. chaser No. 103.	NOGM	Sub. chaser No. 235.	NOPV
S. P. 1121 (Osborne)	NESN	Sub. chaser No. 104.	NOGN	Sub. chaser No. 236.	NOPX
S. P. 1128 (Conestoga)	NAGP	Sub. chaser No. 105.	NOGP	Sub. chaser No. 237.	NOPZ
S. P. 1149 (Barnett)	NUFN	Sub. chaser No. 106.	NOGQ	Sub. chaser No. 238.	NOQB
S. P. 1161 (Francis B. Hackett)	NTD	Sub. chaser No. 107.	NOGR	Sub. chaser No. 239.	NOQC
S. P. 1213 (Montauk)	NARN	Sub. chaser No. 109.	NOGT	Sub. chaser No. 240.	NOQD
S. P. 1232 (Barnegat)	NADQ	Sub. chaser No. 110.	NOGV	Sub. chaser No. 241.	NOQF
S. P. 1234 (Cigarette)	NUCJ	Sub. chaser No. 111.	NOGX	Sub. chaser No. 242.	NOQG
S. P. 1250 (Nahant)	NQE	Sub. chaser No. 116.	NOJF	Sub. chaser No. 244.	NOQJ
S. P. 2047 (Moosehead)	NAQM	Sub. chaser No. 117.	NOJG	Sub. chaser No. 245.	NOQK
S. P. 2225 (Navigator)	NECD	Sub. chaser No. 118.	NOJJ	Sub. chaser No. 246.	NOQL
S. P. 2373 (Herreshoff Hull No. 322)	NUDK	Sub. chaser No. 119.	NOJK	Sub. chaser No. 247.	NOQM
S. P. 3218 (Resolute)	NUGB	Sub. chaser No. 120.	NOJL	Sub. chaser No. 248.	NOQN
S. P. 3297 (Winthrop)	NUBR	Sub. chaser No. 121.	NOJM	Sub. chaser No. 250.	NOQP
S. P. Lee	NESB	Sub. chaser No. 123.	NOJP	Sub. chaser No. 251.	NOQQ
Sprigg Carroll	WZU	Sub. chaser No. 126.	NOJS	Sub. chaser No. 252.	NOQR
Sproston	NEVT	Sub. chaser No. 128.	NOJV	Sub. chaser No. 253.	NOQS
Stansbury	NEXV	Sub. chaser No. 129.	NOJX	Sub. chaser No. 254.	NOQT
Stellenwerf (C. G. C.)	NIDC	Sub. chaser No. 133.	NOKD	Sub. chaser No. 255.	NOQV
Sterrett	NTB	Sub. chaser No. 134.	NOKF	Sub. chaser No. 257.	NOQZ
Stevens	NAPK	Sub. chaser No. 135.	NOKG	Sub. chaser No. 258.	NORB
Stewart	NUNN	Sub. chaser No. 136.	NOKJ	Sub. chaser No. 259.	NORC
Stockton	NEO	Sub. chaser No. 138.	NOKL	Sub. chaser No. 260.	NORD
Stoddert	NALZ	Sub. chaser No. 143.	NOKN	Sub. chaser No. 262.	NORG
Stribling	NAVS	Sub. chaser No. 144.	NOKP	Sub. chaser No. 263.	NORJ
Stringham	NACP	Sub. chaser No. 145.	NOKQ	Sub. chaser No. 264.	NORK
Sturtevant	NUJP	Sub. chaser No. 147.	NOKR	Sub. chaser No. 265.	NORL
Sub. chaser No. 17.	NOBJ	Sub. chaser No. 148.	NOKS	Sub. chaser No. 266.	NORM
Sub. chaser No. 19.	NOBL	Sub. chaser No. 154.	NOLC	Sub. chaser No. 268.	NORP
Sub. chaser No. 21.	NOBN	Sub. chaser No. 156.	NOLF	Sub. chaser No. 269.	NORQ
Sub. chaser No. 23.	NOBQ	Sub. chaser No. 158.	NOLJ	Sub. chaser No. 270.	NORR
Sub. chaser No. 24.	NOBR	Sub. chaser No. 159.	NOLK	Sub. chaser No. 271.	NORS
Sub. chaser No. 25.	NOBS	Sub. chaser No. 164.	NOLL	Sub. chaser No. 272.	NORT
Sub. chaser No. 26.	NOBT	Sub. chaser No. 165.	NOLM	Sub. chaser No. 273.	NORV
Sub. chaser No. 35.	NOBZ	Sub. chaser No. 166.	NOLN	Sub. chaser No. 277.	NOSC
Sub. chaser No. 36.	NOCB	Sub. chaser No. 167.	NOLP	Sub. chaser No. 278.	NOSD
Sub. chaser No. 37.	NOCC	Sub. chaser No. 168.	NOLQ	Sub. chaser No. 282.	NOSE
Sub. chaser No. 40.	NOCG	Sub. chaser No. 177.	NOLR	Sub. chaser No. 283.	NOSE
Sub. chaser No. 42.	NOCK	Sub. chaser No. 178.	NOLS	Sub. chaser No. 284.	NOSE
Sub. chaser No. 43.	NOCL	Sub. chaser No. 180.	NOLV	Sub. chaser No. 287.	NOSE
Sub. chaser No. 44.	NOCM	Sub. chaser No. 181.	NOLX	Sub. chaser No. 288.	NOSE
Sub. chaser No. 45.	NOCN	Sub. chaser No. 182.	NOLZ	Sub. chaser No. 289.	NOSE
Sub. chaser No. 46.	NOCP	Sub. chaser No. 184.	NOMC	Sub. chaser No. 291.	NOSE
Sub. chaser No. 47.	NOCQ	Sub. chaser No. 185.	NOMD	Sub. chaser No. 294.	NOSE
Sub. chaser No. 48.	NOCR	Sub. chaser No. 186.	NOMF	Sub. chaser No. 295.	NOSE
Sub. chaser No. 49.	NOCS	Sub. chaser No. 187.	NOMG	Sub. chaser No. 296.	NOSE
Sub. chaser No. 50.	NOCT	Sub. chaser No. 188.	NOMJ	Sub. chaser No. 298.	NOSE
Sub. chaser No. 51.	NOCV	Sub. chaser No. 190.	NOML	Sub. chaser No. 299.	NOSE
Sub. chaser No. 52.	NOCX	Sub. chaser No. 191.	NOMM	Sub. chaser No. 301.	NOSE
Sub. chaser No. 53.	NOCZ	Sub. chaser No. 192.	NOMN	Sub. chaser No. 303.	NOSE
Sub. chaser No. 54.	NODB	Sub. chaser No. 193.	NOMP	Sub. chaser No. 304.	NOSE
Sub. chaser No. 55.	NODC	Sub. chaser No. 194.	NOMQ	Sub. chaser No. 305.	NOSE
Sub. chaser No. 56.	NODD	Sub. chaser No. 195.	NOMR	Sub. chaser No. 306.	NOSE
Sub. chaser No. 57.	NODF	Sub. chaser No. 196.	NOMS	Sub. chaser No. 307.	NOSE
Sub. chaser No. 62.	NODM	Sub. chaser No. 206.	NONJ	Sub. chaser No. 308.	NOSE
Sub. chaser No. 63.	NODN	Sub. chaser No. 208.	NONL	Sub. chaser No. 309.	NOSE
Sub. chaser No. 64.	NODP	Sub. chaser No. 210.	NONN	Sub. chaser No. 310.	NOSE
Sub. chaser No. 68.	NODQ	Sub. chaser No. 211.	NONP	Sub. chaser No. 320.	NOSE
Sub. chaser No. 69.	NODR	Sub. chaser No. 212.	NONQ	Sub. chaser No. 322.	NOSE
Sub. chaser No. 70.	NODS	Sub. chaser No. 213.	NONR	Sub. chaser No. 323.	NOSE
Sub. chaser No. 71.	NODT	Sub. chaser No. 214.	NONS	Sub. chaser No. 326.	NOSE
Sub. chaser No. 72.	NODV	Sub. chaser No. 215.	NONT	Sub. chaser No. 328.	NOSE
		Sub. chaser No. 216.	NONV	Sub. chaser No. 329.	NOSE
		Sub. chaser No. 217.	NONX	Sub. chaser No. 330.	NOSE
		Sub. chaser No. 218.	NONZ	Sub. chaser No. 331.	NOSE

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—
Continued.

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Sub. chaser No. 332.	NOVS	Terry.....	NUI	Vixen.....	NSU
Sub. chaser No. 336.	NOVZ	Texas.....	NCD	Vulcan.....	NVT
Sub. chaser No. 338.	NOXC	Thatcher.....	NESV	Wadsworth.....	NKW
Sub. chaser No. 339.	NOXD	Thomas.....	NIFN	W. A. Edwards.....	NDT
Sub. chaser No. 340.	NOXF	Thomas.....	WXM	Wahneta.....	NVI
Sub. chaser No. 341.	NOXG	Thompson.....	NAZC	Wainwright.....	NKX
Sub. chaser No. 351.	NOXQ	Thompson, Smith.....	NUJJ	Walke.....	NWL
Sub. chaser No. 352.	NOXR	Thornton.....	NWX	Walker.....	NESX
Sub. chaser No. 353.	NOXS	Thrusch.....	NIKS	Wandank.....	NARF
Sub. chaser No. 354.	NOXT	Tillman.....	NEQT	Warbler.....	NIKM
Sub. chaser No. 356.	NOXX	Tingard.....	NISB	Ward.....	NAGS
Sub. chaser No. 408.	NOZC	Tingey.....	NWY	Warren.....	WXN
Sub. chaser No. 409.	NOZD	Tippecanoe.....	NUGV	Warrington.....	NWD
Sub. chaser No. 412.	NOZJ	Tomopah.....	NUN	Washington.....	NWE
Sub. chaser No. 413.	NOZK	Tonopah.....	NLY	Wasmuth.....	NUKC
Sub. chaser No. 416.	NOZN	Torpedo Test Barge	NIFR	Waters.....	NATT
Sub. chaser No. 419.	NOZR	No. 1.		Welborn C. Wood.....	NULJ
Sub. chaser No. 421.	NOZT	Torpedo Test Barge	NIFS	Welles.....	NAJZ
Sub. chaser No. 422.	NOZV	No. 2.		Wenonah (C. & G. S.).....	NJJ
Sub. chaser No. 423.	NOZX	Torpedo Test Barge	NIFX	West Virginia.....	NEDJ
Sub. chaser No. 424.	NOZZ	No. 3.		Wheeling.....	NWH
Sub. chaser No. 425.	NIQB	Torpedo Test Barge	NIFZ	Whipple.....	NUNL
Sub. chaser No. 426.	NIQC	No. 4.		Whippoorwill.....	NIJQ
Sub. chaser No. 427.	NIQD	Toucey.....	NULX	Wickes.....	NATJ
Sub. chaser No. 428.	NIQF	Tracy.....	NUJL	Widgeon.....	NAQF
Sub. chaser No. 429.	NIQG	Traffic.....	NVA	Wilhelmina.....	NKE
Sub. chaser No. 430.	NIQJ	Trever.....	NUMP	Wilkes.....	NQD
Sub. chaser No. 432.	NIQL	Trinity.....	NUGX	Willet.....	NIKN
Sub. chaser No. 439.	NIQT	Trippa.....	NUQ	William B. Preston.....	NUMQ
Sub. chaser No. 440.	NIQV	Truxtun.....	NUQK	William Jones.....	NARR
Sub. chaser No. 441.	NIQX	Triton.....	NVC	Williams.....	NENT
Sub. chaser No. 443.	NIRB	Tucker.....	NKV	Williamson.....	NUNS
Sub. chaser No. 444.	NIRC	Tulip (L. H. T.).....	NXX	Willoughby.....	NJX
Sumac (L. H. T.).....	NASG	Turkey.....	NIJF	Wilmington.....	NWK
Sunflower (L. H. T.).....	NUFM	Turner.....	NERQ	Winslow.....	NJA
Sunnadin.....	NEVB	Tuscarora (C. G. C.).....	NRL	Wisconsin.....	NWM
Supply.....	NTK	Twiggs.....	NEPV	W. J. Courtney.....	NCJ
Surveyor (C. & G. S.).....	NQU	U-111.....	NEVG	Wolverine.....	NGW
Swallow.....	NEFL	U-117.....	NEXK	Wompatuck.....	NVJ
Swan.....	NIJP	U-148.....	NERD	Wood.....	NUMF
Swasey.....	NIGP	U-B-88.....	NESD	Woodbury.....	NATM
Sylph.....	NTL	U-C-97.....	NEQP	Woodcock.....	NIKP
Sylvia.....	NARQ	Unalga.....	NATS	Woolsey.....	NATF
Tacoma.....	NUA	Unadilla.....	NEFT	Worden.....	NUNM
Tacony.....	WUAE	Unalga (C. G. C.).....	NRX	Wyoming.....	NWQ
Tadousac.....	NAZQ	Uncas.....	NVF	Yacona.....	NJM
Talbot.....	NAPL	Undaunted.....	NNX	Yamacraw (C. G. C.).....	NRY
Tallahassee.....	NUC	United States.....	NUNQ	Yankton.....	NSK
Tallahassee (C. G. C.).....	NRV	Upshur.....	NER8	Yarborough.....	NUMC
Tanager.....	NABS	Upshur, Abel P.....	NUJD	Yarnall.....	NIG8
Tarbell.....	NEZP	Utah.....	NVE	Yocona (C. G. C.).....	NUNB
Tatnuck.....	NETQ	Vermont.....	NVK	Yorktown.....	NQX
Tattnall.....	NEPS	Vestal.....	NMC	Young.....	NESG
Taylor (C. G. C.).....	NITB	Vesuvius.....	NUMB	Zane.....	NUMN
Taylor.....	NALR	Vicksburg.....	NVN	Zellin.....	NUMB
Teal.....	NAPN	Villalobos.....	NVP	Zizania (L. H. T.).....	NZZ
Tennessee.....	NSE	Vireo.....	NIKL		
Tern.....	NIKT	Virginia.....	NVR		

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS.

Call.	Station.	Call.	Station.
KEXQ	South Bend.....b	NCN	Birmingham.....b
KGU	Kanakanak, Alaska.....c	NCR	Canandaigua.....b
KHI	Isabela de Basilan, P. I.....c	NCS	Canonicus.....b
KIKN	Antigone.....b	NCU	Buffalo.....b
KIML	Santa Leonora.....b	NCV	Burrows.....b
KKI	Kilkenny.....b	NCX	Dreadnaught.....b
KOKJ	Eider.....b	NCY	Caesar.....b
KPE	Seattle, Wash.....c	NCZ	Virginia Beach, Va.; Smith Island, Va.; Cape Henry, Va.; Hog Island, Va.....c
KUVM	Iloilo, P. I.....c	NDA	Castine.....b
KUVS	New York, N. Y.....c	NDB	Celtic.....b
KUXG	Malangas, P. I.....c	NDD	Sayville, N. Y.....c
KUXJ	Cebu, P. I.....c	NDE	Wilhelmina.....b
KUXK	Batangas, P. I.....c	NDF	California.....b
NAA	Washington, D. C., Navy Department; Radio, Va. (Arlington).....c	NDG	Chester.....b
NAB	Portland, Me.....c	NDH	Cheyenne.....b
NAC	Portsmouth, N. H.....c	NDI	Chicago.....b
NAD	Fourth Cliff, Mass.; Deer Island, Mass.; Boston, Mass.; Gloucester, Mass. (Navy Yard).....c	NDJ	Gorgona.....b
NAE	Cape Cod, Mass.....c	NDL	Ecorse, Mich.....c
NAF	Coasters Harbor Island, Newport, R. I.; Watch Hill, R. I.; Newport, R. I.; and Price's Neck, R. I.....c	NDM	Cleveland.....b
NAH	Brooklyn Navy Yard; 44 Whitehall St.; Fire Island, L. I.; Montauk Point, L. I.; Mantoloking, N. J.; New York City, N. Y.; Rockaway Beach, N. Y.; Sandy Hook, N. J.; Sea Gate, N. Y.....c	NDN	Pueblo.....b
NAI	Philadelphia, Pa.....c	NDO	Comfort.....b
NAJ	Great Lakes, Ill.....c	NDQ	Connecticut.....b
NAK	Naval Academy, Md.....c	NDR	Lydonia.....b
NAL	Washington, D. C. (Navy Yard).....c	NDT	W. A. Edwards.....b
NAM	Norfolk, Va.; Hampton Roads, Va.....c	NDU	Culgoa.....b
NAN	Beaufort, N. C.; Cape Lookout, N. C.....c	NDV	S. P. 493 (Cahill).....b
NAO	Charleston, S. C.; Morris Island, S. C.....c	NDW	Cape Hatteras, N. C.....c
NAP	St. Augustine, Fla.....c	NEK	Delaware.....b
NAQ	Jupiter, Fla.....c	NEM	Denver.....b
NAR	Key West, Fla.....c	NEN	Des Moines.....b
NAS	Pensacola, Fla.....c	NEO	Stockton.....b
NAT	New Orleans, La.....c	NEP	Dixie.....b
NAU	San Juan, P. R.....c	NEQ	Dolphin.....b
NAV	Port Royal, S. C.....c	NET	Drayton.....b
NAW	Guantanamo Bay, Cuba.....c	NEU	Dubuque.....b
NAX	Colon, C. Z.....c	NEV	Savannah, Ga.....c
NAY	Point Isabel, Tex.....c	NEX	S. P. 1014 (Sea Rover).....b
NAZ	Managua, Nicaragua.....c	NEY	Old Constellation.....b
NBA	Balboa, C. Z.; Darien, C. Z.....b	NFA	Brooklyn.....b
NBB	St. Thomas, V. I.....b	NFD	El Cano.....b
NBD	Bar Harbor, Me. (Otter Cliffs).....c	NFE	Charleston.....b
NBG	Indian Head, Md.....c	NFH	Smith Island, Wash.....c
NBI	Alabama.....b	NFI	Jacksonville, Fla.....c
NBJ	Albany.....b	NFL	Cross Island, Me.....c
NBL	Alert.....b	NFM	Fanning.....b
NBP	Ammen.....b	NFN	Cattle Point, Wash.....c
NBR	Annapolis.....b	NFQ	Damiscove Island, Me.....c
NBS	Siasconsett, Mass.; Nantucket Island, Mass.....c	NFR	Florida.....b
NBU	Arethusa.....b	NFT	New Dungeness, Wash.; Port Angeles Wash.....c
NBV	Arkansas.....b	NFU	Nantucket.....b
NBW	Arizona.....b	NFX	Housatonic.....b
NBX	Burwood, La. (Pass a Loutre, La.).....c	NFY	Intrepid.....b
NBZ	Baltimore, Md.....c	NFZ	Rainbow.....b
NCA	Nevada.....b	NGA	Columbia.....b
NCB	Oklahoma.....b	NGB	Minneapolis.....b
NCC	New York.....b	NGC	Boston.....c
NCD	Texas.....b	NGD	Galveston.....b
NCE	Pennsylvania.....b	NGE	Miami, Fla.....b
NCF	Bailey.....b	NGF	Georgia.....b
NCH	Baltimore.....b	NGG	Olympia.....b
NCJ	W. J. Courtney.....b	NGH	Glacier.....b
NCL	Beale.....b	NGI	Chattanooga.....b
		NGJ	Goldsborough.....b
		NGK	Marblehead.....b
		NGL	Tampa, Fla.....c
		NGM	Astoria.....b
		NGN	Pensacola.....c
		NGO	S. B. London.....b
		NGP	Beaufort.....b
		NGQ	Quincy.....b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NGR	Bridgeport.....b	NKU	Shaw.....b
NGS	Savannah.....b	NKV	Tucker.....b
NGT	Mobile, Ala.....c	NKW	Wadsworth.....b
NGU	Hannibal.....b	NKX	Wainwright.....b
NGV	Hartford.....b	NKZ	Navajo.....b
NGW	Wolverine.....b	NLA	Light Vessel No. 85, Nantucket Shoals.c
NGY	Helena.....b	NLC	Light Vessel No. 94, Fry's Pan Shoals.....c
NGZ	Houston.....b	NLD	Bird Island, Calif.....c
NHA	Henley.....b	NLF	Kukui.....b
NHD	Monadnock.....b	NLG	Point Reyes, Calif.....c
NHF	Isabel.....b	NLH	Point Montara, Calif.....c
NHH	Ozark.....b	NLI	Grand Island, La.....c
NHI	Hancock.....b	NLJ	Pathfinder.....b
NHL	Westport, Wash.....c	NLK	Bache.....b
NHN	Idaho.....b	NLL	Columbine.....b
NHO	Illinois.....b	NLM	Cypress.....b
NHQ	Indiana.....b	NLP	Light Vessel No. 81, Heald Bank.....c
NHS	Gulfport.....b	NLS	Light Vessel No. 68, Fire Island.....c
NHT	Iowa.....b	NLT	Orchid.....b
NHU	Roanoke.....b	NLU	Manzanita.....b
NHV	Iroquois.....b	NLV	Sequoia.....b
NHW	Kittery.....b	NLW	Cedar.....b
NHY	Bath.....b	NLX	Samar.....b
NHZ	Newport News.....b	NLY	Topeka.....b
NIB	Jarvis.....b	NLZ	Constitution (old).....b
NID	Jenkins.....b	NMA	Nebraska.....b
NIE	Jouett.....b	NMB	Manita, Cuba.....c
NIH	Aylwin.....b	NMC	Vestal.....b
NII	Balch.....b	NMD	Point Hueneme, Calif.....c
NIJ	Benham.....b	NME	New Hampshire.....b
NIK	Cassin.....b	NMF	New Jersey.....b
NIL	Cummings.....b	NMG	New Orleans.....b
NIM	Cushing.....b	NMH	Newport.....b
NIN	Downes.....b	NMK	Aroostook.....b
NIP	Kansas.....b	NML	Shawmut.....b
NIQ	Kearsarge.....b	NMN	Charlotte.....b
NIR	Kentucky.....b	NMO	North Dakota.....b
NIS	Duncan.....b	NMS	Neptune.....b
NIT	Ericsson.....b	NMW	Ohio.....b
NIU	McDougal.....b	NMZ	Oregon.....b
NIV	Nicholson.....b	NNA	Brutus.....b
NIX	O'Brien.....b	NNB	Jason.....b
NIZ	Coker.....b	NNC	Langley.....b
NJA	Lebanon.....b	NND	Kanawha.....b
NJB	Winslow.....b	NNE	Maumee.....b
NJD	Louisiana.....b	NNF	Nereus.....b
NJE	Allen.....b	NNG	Proteus.....b
NJF	Conyngham.....b	NNH	Leonidas.....b
NJG	Davis.....b	NNI	St. Croix, V. I.....c
NJI	San Domingo City, D. R.....c	NNK	Nanshan.....b
NJJ	S. P. 951 (Utownah).....b	NNL	Coco Solo, C. Z.....c
NJL	Wenonah.....b	NNM	Saturn.....b
NJM	Maine.....b	NNQ	S. P. 813 (Corona).....c
NJO	Yacona.....b	NNT	Cape Mala, R. P.....c
NJR	Rappahannock.....b	NNW	La Palma, R. P.....c
NJS	Mars.....b	NNX	Undaunted.....b
NJT	Frederick.....b	NNZ	Buffalo, N. Y.....c
NJU	Massachusetts.....b	NOA	Osceola.....b
NJV	Mayrant.....b	NOB	Abarenda.....b
NJW	Mayflower (President's yacht).....b	NOC	Orion.....b
NJX	McCall.....b	NOD	Cuyama.....b
NJY	Willoughby.....b	NOE	Penobscot.....b
NJZ	Port Arthur, Tex.....c	NOF	U. S. Naval Research Laboratory, Anacostia, D. C.....c
NKA	Michigan.....b	NOG	Paducah.....b
NKB	Melville.....b	NOH	Henderson.....b
NKC	Galveston, Tex.....c	NOI	Briggs.....b
NKD	Navassa Island, W. I.....c	NOJ	Panther.....b
NKE	Minnesota.....b	NOK	Patterson.....b
NKF	Mississippi.....b	NOL	Patapsco.....b
NEG	Missouri.....b	NOM	Patuxent.....b
NKK	S. P. 1116 (Genesee).....b	NON	Paulding.....b
NKL	Mercy.....b	NOO	Porter.....b
NKM	Monaghan.....b	NOT	Pittsburg.....b
NKN	Missoula.....b	NOW	Peoria.....b
NKP	Monterey.....b	NOX	Perkins.....b
NKQ	S. P. 714 (Galatea).....b	NOZ	Petrel.....b
NKR	Wilkes.....b	NPA	Cordova, Alaska.....c
NKS	Rowan.....b	NPB	Sitka, Alaska.....c
NKT	Sampson.....b		
	Schley.....b		

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NPC	Puget Sound, Wash.....c	NSN	Conner.....b
NPD	Tatoosh, Wash.....c	NSP	Arapaho.....b
NPE	North Head, Wash.; Fort Stevens, Oreg.c	NSR	Frankfort, Mich.....c
NPF	Marshfield, Oreg.....c	NSS	Annapolis, Md. (H. Power).....c
NPG	San Francisco, Calif.; Mare Island, Calif.; Yerba Buena, Calif.; Hillcrest, Calif.; San Francisco Beach, Calif.....c	NST	Solace.....b
NPH	Vladivostok, Siberia.....c	NSU	Viken.....b
NPI	Farallons, Calif.....c	NSW	South Carolina.....b
NPJ	American Consulate, Shanghai, China.c	NSX	Huron.....b
NPK	Point Arguella, Calif.....c	NSY	Grand Haven, Mich.....c
NPL	San Diego, Calif.....c	NSZ	Cumberland.....b
NPM	Heeia Point, Hawaii; Pearl Harbor, Hawaii.....c	NTA	Ontario.....b
NPN	Guam, Guam.....c	NTB	Sterrett.....b
NPO	Cavite, P. I.....c	NTD	S. P. 1161 (Francis B. Hackett).....b
NPP	Peking, China.....c	NTE	Saint Louis.....b
NPQ	St. Paul, Alaska.....c	NTF	Sonoma.....b
NPR	Dutch Harbor, Alaska.....c	NTG	Supply.....b
NPS	Kodiak, Alaska.....c	NTL	Sylph.....b
NPT	Olongapo, P. I.....c	NTM	Ludington, Mich.....c
NPU	Tutuila, Samoa.....c	MTN	Fairfax.....b
NPV	Seward, Alaska.....c	NTO	Mohave.....b
NPW	Eureka, Calif.....c	NTP	Salem.....b
NPX	San Pedro, Calif.; Inglewood, Calif.; Point Fermin, Calif.....c	NTQ	San Francisco.....b
NPY	St. George, Alaska.....c	NTR	Rochester.....b
NPZ	Keyport, Wash.....c	NTT	Scorpion.....b
NQB	Ashabula, Ohio.....c	NTW	Appledore Island, Me.....c
NQE	Nahant.....b	NTX	Rhode Island.....b
NQF	Pompey.....b	NTY	Manitowac, Wis.....c
NQH	Concord.....b	NTZ	Roe.....b
NQK	Potomac.....b	NTA	Tacoma.....b
NQL	Machias.....b	NUB	Manistique, Mich.....c
NQM	Prairie.....b	NUC	Tallahassee.....b
NQP	S. P. 524 (Margaret).....b	NUD	Mackinac Island, Mich.....c
NQQ	Monocacy.....b	NUG	Calumet, Mich.....c
NQR	Prometheus.....b	NUH	Pawnee.....b
NQS	Palos.....b	NUI	Terry.....b
NQT	Pampanga.....b	NUJ	Pawtucket.....b
NQU	Surveyor.....b	NUK	Milwaukee, Wis.....c
NQV	Sacramento.....b	NUL	Pentucket.....b
NQW	New Mexico.....b	NUN	Tonopah.....b
NQX	Yorktown.....b	NUQ	Trippe.....b
NQY	Albatross.....b	NUR	Chicago, Ill.....c
NQZ	Quiros.....b	NUT	Rocket.....b
NRA	Algonquin.....b	NUU	Samoset.....b
NRB	Bear.....b	NUV	Sebago.....b
NRC	Morrill.....b	NUX	Duluth, Minn.....c
NRD	Androscoggin.....b	NUZ	Astoria, Oreg.....c
NRE	Seneca.....b	NVA	Traffic.....b
NRF	Snohomish.....b	NVC	Triton.....b
NRG	Gresham.....b	NVD	Juneau, Alaska.....c
NRH	Cleveland, Ohio.....c	NVE	Utah.....b
NRI	Itaska.....b	NVF	Uncas.....b
NRJ	Ossipee.....b	NVH	Ketchikan, Alaska.....c
NRK	Puerto Obaldia, R. P.....c	NVI	Wahneta.....b
NRL	Tuscarora.....b	NVJ	Wompatuck.....b
NRN	Manning.....b	NVK	Vermont.....b
NRO	Onondaga.....b	NVL	Seattle, Wash.....c
NRQ	Detroit, Mich.....c	NVN	Vicksburg.....b
NRK	Pamlico.....b	NVP	Villalobos.....b
NRS	Seminole.....b	NVR	Virginia.....b
NRT	Little.....b	NVS	Farragut.....b
NRU	Acushnet.....b	NVT	Vulcan.....b
NRV	Tallapoosa.....b	NVU	Bagley.....b
NRW	Comanche.....b	NVV	Barney.....b
NRX	Unalga.....b	NVW	Biddle.....b
NRZ	Yamacraw.....b	NVX	Blakely.....b
NSC	New London, Conn.....c	NVZ	Dahlgren.....b
NSD	Port au Prince, Haiti.....c	NWB	DeLong.....b
NSE	Cape May, N. J.; Cape Henlopen; Bethany Beach, Del.....c	NWC	DuPont.....b
NSF	Tennessee.....b	NWD	Warrington.....b
NSH	Anacostia, D. C.....c	NWE	Washington.....b
NSI	Manley.....b	NWF	Foote.....b
NSJ	Caldwell.....b	NWG	Huntington.....b
NSK	U. S. Naval Radio Research Labo- ratory, Bureau of Standards, D. C.c	NWH	Wheeling.....b
NSM	Yankton.....b	NWJ	Fox.....b
	Alpena, Mich.....c	NWK	Wilmington.....b
		NWL	Walke.....b
		NWM	Wisconsin.....b
		NWN	Wilmington, N. C.....c
		NWQ	Wyoming.....b
		NWS	Morris.....b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NWT	Rogers.....c	NAKN	Hibiscus.....b
NWU	Shubrick.....b	NAKQ	S. P. 415 (Kemah).....b
NWV	Somers.....b	NAKS	Light Vessel No. 70, San Francisco.....c
NWX	Thornton.....b	NAKT	Light Vessel No. 69, Overfalls.....c
NWY	Tingey.....b	NAKV	Ivy.....b
NXA	Chatham, Mass.....c	NAKX	Kilty.....b
NXB	A-2.....b	NALC	Lapwing.....b
NXC	A-3.....b	NALK	Lykens.....b
NXD	A-4.....b	NALL	Iris.....b
NXE	A-5.....b	NALP	Kingfisher.....b
NXF	A-6.....b	NALQ	S. P. 164 (May).....b
NXG	A-7.....b	NALR	Taylor.....b
NXH	B-1.....b	NALS	Light Vessel No. 87, Ambrose Channel.....c
NXI	B-2.....b	NALT	Ringgold.....b
NXJ	B-3.....b	NALV	Laurel.....b
NXK	C-1.....b	NALZ	Stoddard.....b
NXL	C-2.....b	NAMB	Larkspur.....b
NXM	C-3.....b	NAMC	Mexican.....b
NXN	C-4.....b	NAMD	Reno.....b
NXO	C-5.....b	NAMG	General Alava.....b
NXP	D-1.....b	NAMM	Nokomis.....b
NXQ	D-2.....b	NAMN	Narragansett.....b
NXR	D-3.....b	NAMQ	Nopatin.....b
NXS	E-1.....b	NAMR	O-3.....b
NXT	E-2.....b	NAMS	Light Vessel No. 74, Portland.....c
NXU	Azalea.....b	NAMT	Boggs.....b
NXV	F-2.....b	NAMV	Madrono.....b
NXW	F-3.....b	NAMX	O-4.....b
NXX	Tulip.....b	NAMZ	O-5.....b
NXY	G-1.....b	NANB	O-6.....b
NXZ	G-2.....b	NANC	O-7.....b
NYA	G-3.....b	NAND	O-8.....b
NYB	G-4.....b	NANJ	Plattsburg.....b
NYC	H-1.....b	NANQ	Robin.....b
NYD	H-2.....b	NANS	Light Vessel No. 47, Pollock Rip.....c
NYE	H-3.....b	NANT	Light Vessel No. 5, Stone Horse Shoals.....c
NYF	K-1.....b	NANV	Mangrove.....b
NYG	K-2.....b	NANX	Sagamore.....b
NYH	K-3.....b	NANZ	Farquhar.....b
NYI	K-4.....b	NAPG	Seattle.....b
NYJ	K-5.....b	NAPK	Stevens.....b
NYK	K-6.....b	NAPL	Talbot.....b
NYL	K-7.....b	NAPM	Converse.....b
NYM	K-8.....b	NAPN	Teal.....b
NYN	L-1.....b	NAPP	Light Vessel No. 42, Hen and Chickens.....c
NYO	L-2.....b	NAPR	Camden.....b
NYP	L-3.....b	NAPS	Magnolia.....b
NYQ	L-4.....b	NAPV	Maple.....b
NYR	L-5.....b	NAQB	Light Vessel No. 20.....c
NYS	L-6.....b	NAQC	Piscataqua.....b
NYT	L-7.....b	NAPF	Widgeon.....b
NYU	L-8.....b	NAPJ	Rail.....b
NYV	L-9.....b	NAQM	S. P. 2047 (Moosehead).....b
NYW	L-10.....b	NAQN	Paul Hamilton.....b
NYX	L-11.....b	NAQS	Light Vessel No. 3, Handkerchief.....c
NYZ	M-1.....b	NAQV	Marigold.....b
NZA	Mohican.....b	NARC	Maryland.....b
NZC	Bushnell.....b	NARF	Wandank.....b
NZD	Fulton.....b	NABJ	Light Vessel No. 66.....c
NZE	N-1.....b	NABP	Anemone.....b
NZF	N-2.....b	NABR	Samoa.....b
NZG	N-3.....b	NABS	Tanager.....b
NZH	N-4.....b	NABT	Light Vessel No. 93, Swiftsure Bank.....c
NZI	N-5.....b	NABV	Light Vessel No. 80, Cape Lookout.....c
NZJ	N-6.....b		Shoals.....c
NZK	N-7.....b	NABX	Light Vessel No. 84, Brunswick.....c
NZL	Avalon, Calif.....c	NABZ	AA-3.....b
NZQ	Mayflower.....b	NACB	Apache.....b
NZR	Cayey, P. R.....c	NACD	Relief Light Vessel No. 76.....c
NZW	North Island, S. C.....c	NACL	Hale.....b
NZZ	Zizania.....b	NACN	Dyer.....b
NABB	AA-2.....b	NACP	Stringham.....b
NABC	Niagara.....b	NACQ	McKee.....b
NABG	Charles S. Osborne.....b	NACR	Rathburne.....b
NAJT	Light Vessel No. 88, Columbia River.....c	NACS	Owl.....b
NAJV	Light Vessel No. 101, Cape Charles.....c	NACT	Light Vessel No. 83, Blunt's Reef.....c
NAJX	Robinson.....b	NACV	Light Vessel No. 67, Umatilla Reef.....c
NAJZ	Welles.....b	NACX	Light Vessel No. 41, Vineyard Sound.....c
NAKC	Gypsum Queen.....b	NACZ	Allegheny.....b
NAKD	Ajax.....b	NADB	Relief Light Vessel No. 92.....c
NAKL	Heather.....b	NADD	Arcata.....b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NADF	Crowninshield.....b	NAZQ	Tadousac.....b
NADL	Kimberley.....b	NAZR	Light Vessel No. 46, Tail of Horseshoe..c
NADP	Avocet.....b	NAZS	Kalmia.....b
NADQ	S. P. 1232 (Barnegat).....b	NAZV	Relief Light Vessel No. 4.....c
NADT	Light Vessel No. 91, Winter Quarter Shoals.....c	NAZZ	Robert L. Barnes.....b
NADV	Light Vessel No. 79, Five Fathom Bank.....c	NEBF	Constitution.....b
NADX	Light Vessel No. 54, Boston.....c	NEBJ	Meade.....b
NAFC	Dickerson.....b	NEBV	H-9.....b
NAFF	Brant.....b	NECD	S. P. 2225 (Navigator).....b
NAFL	Leary.....b	NECR	Colorado.....b
NAFN	Cardinal.....b	NECT	Penguin.....b
NAFP	Cayuga.....b	NECV	Palmer.....b
NAFS	Burns.....b	NECZ	Sotoyomo.....b
NAFT	Light Vessel No. 73, Pollock Rip Sho..c	NEDB	Lexington.....b
NAFV	Fern.....b	NEDF	Constellation.....b
NAFX	R-17.....b	NEDG	Philip.....b
NAFZ	Semmes.....b	NEDJ	West Virginia.....b
NAGB	O-9.....b	NEDN	Ozette.....b
NAGC	Satterlee.....b	NEDX	Nero.....b
NAGG	Mason.....b	NEFC	H-6.....b
NAGJ	Graham.....b	NEFK	Pelican.....b
NAGL	Chandler.....b	NEFL	Swallow.....b
NAGM	Arbutus.....b	NEFS	S. P. 181 (Helori).....b
NAGP	S. P. 1128 (Conestoga).....b	NEFT	Unadilla.....b
NAGQ	Curacao.....b	NEFZ	Long Beach.....b
NAGS	Ward.....b	NEGC	R-18.....b
NAGT	Light Vessel No. 102, South Pass, La..c	NEGD	Luce.....b
NAGV	Hyacinth.....b	NEGF	Dent.....b
NAGX	Gwin.....b	NEGK	R-19.....b
NAJB	Stigourney.....b	NEGS	Fortune.....b
NAJC	Relief Light Vessel No. 53.....c	NEJB	Eagle 1.....b
NAJD	Black Hawk.....b	NEJC	Eagle 2.....b
NAJJ	Relief Light Vessel No. 86.....c	NEJD	Eagle 3.....b
NAJK	Southard.....b	NEJF	Eagle 4.....b
NAJL	Colhoun.....b	NEJG	Eagle 5.....b
NAJN	Favorite.....b	NEJJ	Eagle 6.....b
NAJP	Finch.....b	NEJK	Eagle 7.....b
NAJQ	Bancroft.....b	NEJL	Eagle 8.....b
NAJR	Gregory.....b	NEJM	Eagle 9.....b
NAJS	Light Vessel No. 52, Fenwick Island Shoals.....c	NEJN	Eagle 10.....b
NARG	Chemung.....b	NEJP	Eagle 11.....b
NARN	S. P. 1213 (Montauk).....b	NEJQ	Eagle 12.....b
NARP	Aramis.....b	NEJR	Eagle 13.....b
NARQ	Sylvia.....b	NEJS	Eagle 14.....b
NARK	William Jones.....b	NEJT	Eagle 15.....b
NARS	Light Vessel No. 44, Northeast End, N. J.....c	NEJV	McGourty.....b
NART	Light Vessel No. 1, Martin's Industry..c	NEJX	Eagle 17.....b
NARV	Light Vessel No. 11, Scotland.....c	NEJZ	Eagle 18.....b
NARX	Light Vessel No. 23, Ram Island Reef..c	NEKB	Eagle 19.....b
NARZ	R-20.....b	NEKC	Seally.....b
NASB	Light Vessel No. 39, Brenton Reef.....c	NEKD	Bothwell.....b
NASC	Light Vessel No. 48, Cornfield Point...c	NEKF	Earp.....b
NASD	Rose.....b	NEKG	Eagle 23.....b
NASG	Sumac.....b	NEKH	Eagle 25.....b
NASK	Relief Light Vessel No. 16.....b	NEKM	S. P. 724 (Fearless).....b
NASM	O-16.....b	NEKN	Falcon.....b
NASV	R-15.....b	NEKP	Harbor Tug No. 74.....b
NASX	R-16.....b	NEKQ	Champlin.....b
NATD	Light Vessel No. 9, Hedge Fence.....c	NEKR	Hercules.....b
NATF	Woolsey.....b	NEKS	S. P. 1015 (Challenge).....b
NATG	Bell.....b	NEKZ	Manhattan.....b
NATJ	Wickes.....b	NELB	Saratoga.....b
NATM	Woodbury.....b	NELF	Ranger.....b
NATS	Umpqua.....b	NELG	Dorsey.....b
NATT	Walters.....b	NELK	Pyro.....b
NAVM	Explorer.....b	NELL	Nitro.....b
NAVS	Stribling.....b	NELN	H-8.....b
NAXJ	Montgomery.....b	NELR	Contecook.....b
NAXK	Murray.....b	NELV	Ashville.....b
NAXN	Kewadin.....b	NELX	Aaron Ward.....b
NAXS	O-15.....b	NEMC	Medusa.....b
NAXT	O-10.....b	NEMD	Sara Thompson.....b
NAZC	Thompson.....b	NEMG	Schenck.....b
NAZJ	Light Vessel No. 34, Charleston.....c	NEMH	Herbert.....b
NAZL	Lamberton.....b	NEMI	Branch.....b
NAZM	Kennedy.....b	NEMS	Evans.....b
NAZP	Bagaduce.....b	NEMT	McKean.....b
		NEMV	Harding.....b
		NEMX	Gridley.....b
		NEMZ	Chew.....b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NENG	Israel.....	NEVX	Mackenzie.....
NENJ	Herndon.....	NEVZ	Renshaw.....
NENL	Heron.....	NEXB	Radford.....
NENM	Dallas.....	NEXC	Keosauqua.....
NENN	Atlantic.....	NEXF	Eagle 26.....
NENS	Hazelwood.....	NEXG	Eagle 27.....
NENT	Williams.....	NEXJ	O-1.....
NENV	Hart.....	NEXK	U-117.....
NENX	Ingraham.....	NEXL	Knudsen.....
NENZ	Ludlow.....	NEXM	Eagle 28.....
NEPB	Hovey.....	NEXN	Eagle 29.....
NEPD	J. D. Long.....	NEXP	Carr.....
NEPF	Broome.....	NEXR	Mugford.....
NEPG	Maury.....	NEXS	O'Bannon.....
NEPQ	Relief Hospital Ship No. 1.....	NEXT	Hogan.....
NEPT	Tattnall.....	NEXV	Stansbury.....
NEPV	Badger.....	NEXX	Hopewell.....
NEPX	Twiggs.....	NEXZ	Haraden.....
NEPZ	Babbitt.....	NEZG	Eagle 31.....
NEQF	Jacob Jones.....	NEZJ	Eagle 32.....
NEQL	Montcalm.....	NEZN	O-13.....
NEQM	Mahan.....	NEZP	Tarbell.....
NEQL	Oil Barge No. 9.....	NEZQ	Delphy.....
NEQM	H-4.....	NEZR	Gamble.....
NEQP	U-C-97.....	NEZS	Abbot.....
NEQQ	Beaver.....	NEZT	Clemson.....
NEQS	Buchanan.....	NEZV	Hatfield.....
NEQT	Tillman.....	NEZX	Brooks.....
NEQX	Kennison.....	NEZZ	Belknap.....
NEQZ	Claxton.....	NIBB	Eagle 33.....
NERB	Gilmar.....	NIBC	Eagle 39.....
NERD	U-148.....	NIBD	Eagle 34.....
NERG	Aulick.....	NIBF	Eagle 40.....
NERJ	Craven.....	NIBG	Eagle 35.....
NERL	Lansdale.....	NIBJ	Eagle 41.....
NERQ	Turner.....	NIBK	Eagle 36.....
NERR	Gillis.....	NIBL	Eagle 42.....
NERV	Upshur.....	NIBM	Eagle 37.....
NERT	Greer.....	NIBN	Eagle 38.....
NERV	Elliot.....	NIBP	Eagle 43.....
NERX	Roper.....	NIBQ	Eagle 44.....
NERZ	Breckinridge.....	NIBR	Eagle 45.....
NESE	S. P. Lee.....	NIBS	Eagle 46.....
NESC	Relief Light Vessel No. 49.....	NIBT	Eagle 47.....
NESD	U-B-88.....	NIBV	Eagle 48.....
NESG	Young.....	NIBX	Eagle 49.....
NESJ	H-7.....	NIBZ	Eagle 50.....
NESM	Breese.....	NICB	Eagle 51.....
NESN	S. P. 1121 (Osborne).....	NICC	Eagle 52.....
NESQ	Bernadou.....	NICD	Eagle 53.....
NEST	Cole.....	NICF	Eagle 54.....
NEV	Thatcher.....	NICG	Eagle 55.....
NESX	Walker.....	NICJ	Eagle 56.....
NESZ	Crosby.....	NICK	Eagle 57.....
NETB	McFarland.....	NICL	Eagle 58.....
NETD	Mahopac.....	NICM	Eagle 59.....
NETF	Lea.....	NICN	Eagle 60.....
NETG	H-5.....	NICP	Cygan.....
NETJ	O-2.....	NIDB	Quigley.....
NETK	O-11.....	NIDC	Stellenwerf.....
NETL	O-12.....	NIDF	Dispatch.....
NETQ	Tattnuck.....	NIDG	Richards.....
NETS	Meredith.....	NIDL	Mehalatos.....
NETT	Bush.....	NIFB	Crane.....
NETV	Cowell.....	NIFC	Ramsay.....
NETX	Maddox.....	NIFD	Ellis.....
NETZ	Koka.....	NIFF	Chauncey.....
NEVB	Sumnadin.....	NIFG	Fuller.....
NEVC	Napa.....	NIFJ	Percival.....
NEVD	O-14.....	NIFK	Brazos.....
NEVG	U-111.....	NIFL	Hamilton.....
NEVK	Sciota.....	NIFM	Howard.....
NEVL	Pinola.....	NIFN	Thomas.....
NEVM	Oriole.....	NIFP	Neches.....
NEVP	Algoma.....	NIFQ	Pecos.....
NEVQ	Carrabasset.....	NIFR	Torpedo Test Barge No. 1.....
NEVR	Iuka.....	NIFS	Torpedo Test Barge No. 2.....
NEVS	Anthony.....	NIFT	Coast Torpedo Boat No. 6.....
NEVT	Sproston.....	NIFV	Cyan.....
NEVV	Rizal.....	NIFX	Torpedo Test Barge No. 3.....

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NIFZ	Torpedo Test Barge No. 4.....b	NIMV	S-12.....b
NIGB	McCook.....b	NIMX	S-13.....b
NIGC	McCalla.....b	NIMZ	S-14.....b
NIGD	Kalk.....b	NINB	S-15.....b
NIGF	Ingram, Osmund.....b	NINC	S-16.....b
NIGG	McDermut.....b	NIND	S-17.....b
NIGJ	Laub.....b	NINF	S-18.....b
NIGK	McLanahan.....b	NING	S-19.....b
NIGL	Edwards.....b	NINJ	S-20.....b
NIGM	Greene.....b	NINK	S-21.....b
NIGN	Ballard.....b	NINL	S-22.....b
NIGP	Swasey.....b	NINM	S-23.....b
NIGQ	John Francis Burnes.....b	NINN	S-24.....b
NIGR	J. Fred Talbott.....b	NINP	S-25.....b
NIGS	Yarnall.....b	NINQ	S-26.....b
NIGT	Cook.....b	NINR	S-27.....b
NIJB	Curlew.....b	NINS	S-28.....b
NIJF	Turkey.....b	NINT	S-29.....b
NIJG	Partridge.....b	NINV	S-30.....b
NIJJ	Bobolink.....b	NINX	S-31.....b
NIJK	Lark.....b	NINZ	S-32.....b
NIJL	Osprey.....b	NIPB	S-33.....b
NIJM	Seagull.....b	NIPC	S-34.....b
NIJN	Flamingo.....b	NIPD	S-35.....b
NIJP	Swan.....b	NIPF	S-36.....b
NIJQ	Whippoorwill.....b	NIPG	S-37.....b
NIJR	Bittern.....b	NIPJ	S-38.....b
NIJS	Sanderling.....b	NIPK	S-39.....b
NIJT	Auk.....b	NIPL	S-40.....b
NIJV	Chewink.....b	NIPM	S-41.....b
NIJX	Gannet.....b	NIPN	S-42.....b
NIKB	Mallard.....b	NIPP	S-43.....b
NIKC	Ortolan.....b	NIPQ	S-44.....b
NIKD	Peacock.....b	NIPR	S-45.....b
NIKF	Pigeon.....b	NIPS	S-46.....b
NIKG	Redwing.....b	NIPT	S-47.....b
NIKK	Sandpiper.....b	NIPV	S-48.....b
NIKL	Vireo.....b	NIPX	S-49.....b
NIKM	Warbler.....b	NIPZ	S-50.....b
NIKN	Willet.....b	NIQB	Submarine chaser No. 425.....b
NIKP	Woodcock.....b	NIQC	Submarine chaser No. 426.....b
NIKQ	Quall.....b	NIQD	Submarine chaser No. 427.....b
NIKR	Eider.....b	NIQF	Submarine chaser No. 428.....b
NIKS	Thrush.....b	NIQG	Submarine chaser No. 429.....b
NIKT	Tern.....b	NIQJ	Submarine chaser No. 430.....b
NIKV	Cormorant.....b	NIQK	S-51.....b
NIKX	Grebe.....b	NIQL	Submarine chaser No. 432.....b
NIKZ	Raven.....b	NIQP	Johansson.....b
NIIB	AA-1.....b	NIQT	Submarine chaser No. 439.....b
NILC	R-1.....b	NIQV	Submarine chaser No. 440.....b
NILD	R-2.....b	NIQX	Submarine chaser No. 441.....b
NILF	R-3.....b	NIRB	Submarine chaser No. 443.....b
NILG	R-4.....b	NIRC	Submarine chaser No. 444.....b
NILJ	R-5.....b	NISB	Tingard.....b
NILK	R-6.....b	NISC	Klingelhoef.....b
NILL	R-7.....b	NISD	Boyce.....b
NILM	R-8.....b	NISG	South Dakota.....b
NILN	R-9.....b	NISJ	Montana.....b
NILP	R-10.....b	NIJK	North Carolina.....b
NILQ	R-11.....b	NITB	Taylor.....b
NILR	R-12.....b	NITK	Larsen.....b
NILS	R-13.....b	NITL	Nansemond.....b
NILT	R-14.....b	NITQ	Light Vessel No. 72, Diamond Shoals.....c
NILV	R-21.....b	NITR	Relief Light Vessel No. 78.....c
NILX	R-22.....b	NITS	Relief Light Vessel No. 90.....c
NILZ	R-23.....b	NIXG	Smith (C. G.).....b
NIMB	R-24.....b	NIZD	Oveson (C. G.).....b
NIMC	R-25.....b	NOBJ	Submarine chaser No. 17.....b
NIMD	R-26.....b	NOBL	Submarine chaser No. 19.....b
NIMF	R-27.....b	NOBN	Submarine chaser No. 21.....b
NIMG	S-1.....b	NOBQ	Submarine chaser No. 23.....b
NIMJ	S-2.....b	NOBR	Submarine chaser No. 24.....b
NIMK	S-3.....b	NOBS	Submarine chaser No. 25.....b
NIML	S-4.....b	NOBT	Submarine chaser No. 26.....b
NIMM	S-5.....b	NOBZ	Submarine chaser No. 35.....b
NIMN	S-6.....b	NOCB	Submarine chaser No. 36.....b
NIMP	S-7.....b	NOCC	Submarine chaser No. 37.....b
NIMQ	S-8.....b	NOCG	Submarine chaser No. 40.....b
NIMR	S-9.....b	NOCK	Submarine chaser No. 42.....b
NIMS	S-10.....b	NOCL	Submarine chaser No. 43.....b
NIMT	S-11.....b	NOCM	Submarine chaser No. 44.....b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NOCN	Submarine chaser No. 45.....b	NOMM	Submarine chaser No. 191.....b
NOCF	Submarine chaser No. 46.....b	NOMN	Submarine chaser No. 192.....b
NOCQ	Submarine chaser No. 47.....b	NOMP	Submarine chaser No. 193.....b
NOCR	Submarine chaser No. 48.....b	NOMQ	Submarine chaser No. 194.....b
NOCB	Submarine chaser No. 49.....b	NOMR	Submarine chaser No. 195.....b
NOCY	Submarine chaser No. 50.....b	NOMS	Submarine chaser No. 196.....b
NOCV	Submarine chaser No. 51.....b	NONJ	Submarine chaser No. 206.....b
NOCX	Submarine chaser No. 52.....b	NONL	Submarine chaser No. 208.....b
NOCZ	Submarine chaser No. 53.....b	NONN	Submarine chaser No. 210.....b
NODB	Submarine chaser No. 54.....b	NONP	Submarine chaser No. 211.....b
NODC	Submarine chaser No. 55.....b	NONQ	Submarine chaser No. 212.....b
NODD	Submarine chaser No. 56.....b	NONR	Submarine chaser No. 213.....b
NODF	Submarine chaser No. 57.....b	NONB	Submarine chaser No. 214.....b
NODM	Submarine chaser No. 62.....b	NONT	Submarine chaser No. 215.....b
NODN	Submarine chaser No. 63.....b	NONV	Submarine chaser No. 216.....b
NODP	Submarine chaser No. 64.....b	NONX	Submarine chaser No. 217.....b
NODQ	Submarine chaser No. 68.....b	NONZ	Submarine chaser No. 218.....b
NODR	Submarine chaser No. 69.....b	NOPB	Submarine chaser No. 220.....b
NODS	Submarine chaser No. 70.....b	NOPC	Submarine chaser No. 221.....b
NODT	Submarine chaser No. 71.....b	NOPD	Submarine chaser No. 222.....b
NODV	Submarine chaser No. 72.....b	NOPF	Submarine chaser No. 223.....b
NODX	Submarine chaser No. 73.....b	NOPG	Submarine chaser No. 224.....b
NODZ	Submarine chaser No. 74.....b	NOPJ	Submarine chaser No. 225.....b
NOFB	Submarine chaser No. 77.....b	NOPK	Submarine chaser No. 226.....b
NOFT	Submarine chaser No. 91.....b	NOPM	Submarine chaser No. 228.....b
NOFX	Submarine chaser No. 93.....b	NOPN	Submarine chaser No. 229.....b
NOGB	Submarine chaser No. 95.....b	NOPP	Submarine chaser No. 230.....b
NOGC	Submarine chaser No. 96.....b	NOPQ	Submarine chaser No. 231.....b
NOGD	Submarine chaser No. 97.....b	NOPR	Submarine chaser No. 232.....b
NOGF	Submarine chaser No. 98.....b	NOPV	Submarine chaser No. 235.....b
NOGJ	Submarine chaser No. 100.....b	NOPX	Submarine chaser No. 236.....b
NOGK	Submarine chaser No. 101.....b	NOPZ	Submarine chaser No. 237.....b
NOGL	Submarine chaser No. 102.....b	NOQB	Submarine chaser No. 238.....b
NOGM	Submarine chaser No. 103.....b	NOQC	Submarine chaser No. 239.....b
NOGN	Submarine chaser No. 104.....b	NOQD	Submarine chaser No. 240.....b
NOGP	Submarine chaser No. 105.....b	NOQE	Submarine chaser No. 241.....b
NOGQ	Submarine chaser No. 106.....b	NOQG	Submarine chaser No. 242.....b
NOGR	Submarine chaser No. 107.....b	NOQJ	Submarine chaser No. 244.....b
NOGT	Submarine chaser No. 109.....b	NOQK	Submarine chaser No. 245.....b
NOGV	Submarine chaser No. 110.....b	NOQL	Submarine chaser No. 246.....b
NOGX	Submarine chaser No. 111.....b	NOQM	Submarine chaser No. 247.....b
NOJF	Submarine chaser No. 116.....b	NOQN	Submarine chaser No. 248.....b
NOJG	Submarine chaser No. 117.....b	NOQP	Submarine chaser No. 250.....b
NOJJ	Submarine chaser No. 118.....b	NOQQ	Submarine chaser No. 251.....b
NOJK	Submarine chaser No. 119.....b	NOQR	Submarine chaser No. 252.....b
NOJL	Submarine chaser No. 120.....b	NOQS	Submarine chaser No. 253.....b
NOJM	Submarine chaser No. 121.....b	NOQT	Submarine chaser No. 254.....b
NOJP	Submarine chaser No. 123.....b	NOQV	Submarine chaser No. 255.....b
NOJS	Submarine chaser No. 126.....b	NOQZ	Submarine chaser No. 257.....b
NOJV	Submarine chaser No. 128.....b	NORB	Submarine chaser No. 258.....b
NOJX	Submarine chaser No. 129.....b	NORC	Submarine chaser No. 259.....b
NOKD	Submarine chaser No. 133.....b	NORD	Submarine chaser No. 260.....b
NOKF	Submarine chaser No. 134.....b	NORG	Submarine chaser No. 262.....b
NOKG	Submarine chaser No. 135.....b	NORJ	Submarine chaser No. 263.....b
NOKJ	Submarine chaser No. 136.....b	NORK	Submarine chaser No. 264.....b
NOKL	Submarine chaser No. 138.....b	NORL	Submarine chaser No. 265.....b
NOKN	Submarine chaser No. 143.....b	NORM	Submarine chaser No. 266.....b
NOKP	Submarine chaser No. 144.....b	NORP	Submarine chaser No. 268.....b
NOKQ	Submarine chaser No. 145.....b	NORQ	Submarine chaser No. 269.....b
NOKR	Submarine chaser No. 147.....b	NORR	Submarine chaser No. 270.....b
NOKS	Submarine chaser No. 148.....b	NORS	Submarine chaser No. 271.....b
NOLC	Submarine chaser No. 154.....b	NORT	Submarine chaser No. 272.....b
NOLF	Submarine chaser No. 156.....b	NORV	Submarine chaser No. 273.....b
NOLJ	Submarine chaser No. 158.....b	NOSC	Submarine chaser No. 277.....b
NOLK	Submarine chaser No. 159.....b	NOSD	Submarine chaser No. 278.....b
NOLL	Submarine chaser No. 164.....b	NOSK	Submarine chaser No. 282.....b
NOLM	Submarine chaser No. 165.....b	NOSL	Submarine chaser No. 283.....b
NOLN	Submarine chaser No. 166.....b	NOSM	Submarine chaser No. 284.....b
NOLP	Submarine chaser No. 167.....b	NOSQ	Submarine chaser No. 287.....b
NOLQ	Submarine chaser No. 168.....b	NOSR	Submarine chaser No. 288.....b
NOLR	Submarine chaser No. 177.....b	NOSS	Submarine chaser No. 289.....b
NOLS	Submarine chaser No. 178.....b	NOBV	Submarine chaser No. 291.....b
NOLV	Submarine chaser No. 180.....b	NOTB	Submarine chaser No. 294.....b
NOLX	Submarine chaser No. 181.....b	NOTC	Submarine chaser No. 295.....b
NOLZ	Submarine chaser No. 182.....b	NOTD	Submarine chaser No. 296.....b
NOMC	Submarine chaser No. 184.....b	NOTG	Submarine chaser No. 298.....b
NOMD	Submarine chaser No. 185.....b	NOTJ	Submarine chaser No. 299.....b
NOMF	Submarine chaser No. 186.....b	NOTL	Submarine chaser No. 301.....b
NOMG	Submarine chaser No. 187.....b	NOTN	Submarine chaser No. 303.....b
NOMJ	Submarine chaser No. 188.....b	NOTP	Submarine chaser No. 304.....b
NOML	Submarine chaser No. 190.....b		

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NOTQ	Submarine chaser No. 305.....b	NUJK	Barker.....b
NOTR	Submarine chaser No. 306.....b	NUJL	Tracy.....b
NOTS	Submarine chaser No. 307.....b	NUJM	James K. Paulding.....b
NOTT	Submarine chaser No. 308.....b	NUJN	Overton.....b
NOTV	Submarine chaser No. 309.....b	NUJP	Sturtevant.....b
NOTX	Submarine chaser No. 310.....b	NUJQ	Henshaw.....b
NOVC	Submarine chaser No. 320.....b	NUJR	Meyer.....b
NOVF	Submarine chaser No. 322.....b	NUJS	Doven.....b
NOVG	Submarine chaser No. 323.....b	NUJT	LaVallette.....b
NOVL	Submarine chaser No. 326.....b	NUJV	Shirk.....b
NOVN	Submarine chaser No. 328.....b	NUJX	Kidder.....b
NOVP	Submarine chaser No. 329.....b	NUJZ	Selfridge.....b
NOVQ	Submarine chaser No. 330.....b	NUKB	Robert Smith.....b
NOVR	Submarine chaser No. 331.....b	NUKC	Wasmuth.....b
NOVS	Submarine chaser No. 332.....b	NUKD	Hulbert.....b
NOVZ	Submarine chaser No. 336.....b	NUKF	Noa.....b
NOXC	Submarine chaser No. 338.....b	NUKS	S. P. 156 (Winchester).....b
NOXD	Submarine chaser No. 339.....b	NUKX	Humphreys.....b
NOXF	Submarine chaser No. 340.....b	NULD	Harbor Tug No. 63.....b
NOXG	Submarine chaser No. 341.....b	NULG	Harbor Tug No. 67.....b
NOXH	Submarine chaser No. 351.....b	NULJ	Welborn C. Wood.....b
NOXR	Submarine chaser No. 352.....b	NULK	Alden.....b
NOXS	Submarine chaser No. 353.....b	NULB	Borie.....b
NOXT	Submarine chaser No. 354.....b	NULM	Kane.....b
NOXX	Submarine chaser No. 356.....b	NULN	Childs.....b
NOZC	Submarine chaser No. 408.....b	NULP	King.....b
NOZD	Submarine chaser No. 409.....b	NULQ	Sands.....b
NOZJ	Submarine chaser No. 412.....b	NULR	Sinclair.....b
NOZK	Submarine chaser No. 413.....b	NULS	McCawley.....b
NOZN	Submarine chaser No. 416.....b	NULT	Moody.....b
NOZR	Submarine chaser No. 419.....b	NULV	Sharkey.....b
NOZT	Submarine chaser No. 421.....b	NULX	Toucey.....b
NOZV	Submarine chaser No. 422.....b	NULZ	Breck.....b
NOZX	Submarine chaser No. 423.....b	NUMB	Zellin.....b
NOZZ	Submarine chaser No. 424.....b	NUMC	Yarborough.....b
NUBB	S. P. 43 (Daraga).....b	NUMD	Sloat.....b
NUBC	S. P. 909 (Eaglet).....b	NUMF	Wood.....b
NUBK	S. P. 54 (Patrol No. 6).....b	NUMG	Marcus.....b
NUBM	Vesuvius.....b	NUMJ	Mervine.....b
NUBR	S. P. 3297 (Winthrop).....b	NUMK	Chase.....b
NUBS	S. P. 726 (Orca).....b	NUML	Mullany.....b
NUBT	S. P. 522 (Charles Mann).....b	NUMM	Litchfield.....b
NUCF	Lilac.....b	NUMN	Zane.....b
NUCG	S. P. 573 (Easthampton).....b	NUMP	Trever.....b
NUCJ	S. P. 1234 (Cigarette).....b	NUMQ	William B. Preston.....b
NUCK	S. P. 765 (Adelante).....b	NUMR	Harbor Tug No. 68.....b
NUCR	S. P. 680 (Ardent).....b	NUMS	S. P. 681 (Breakwater).....b
NUCS	S. P. 642 (Felicia).....b	NUMT	Harbor Tug No. 64.....b
NUCT	S. P. 265 (Pocomoke).....b	NUMV	Mansfield.....b
NUCX	S. P. 214 (Edithia).....b	NUMX	Harbor Tug No. 61.....b
NUCZ	S. P. 249 (Hauoli).....b	NUMZ	Kankakee.....b
NUDF	S. P. 179 (Privateer).....b	NUNB	Yacona.....b
NUDG	Ranger.....b	NUNC	Lamson.....b
NUDK	S. P. 2373 (Herreshoff Hull No. 322).....b	NUND	Dale.....b
NUDR	S. P. 707 (Endion).....b	NUNF	Fusser.....b
NUFB	Mohawk.....b	NUNG	Preble.....b
NUFG	S. P. 399 (Legonia).....b	NUNJ	Preston.....b
NUFL	S. P. 838 (John L. Lawrence).....b	NUNK	Reid.....b
NUFM	Sunflower.....b	NUNL	Whipple.....b
NUFN	S. P. 1149 (Barnett).....b	NUNM	Worden.....b
NUFZ	S. P. 185 (Clarinda).....b	NUNN	Stewart.....b
NUGB	S. P. 3218 (Resolute).....b	NUNQ	United States.....b
NUGD	Mackinac.....b	NUNR	Dobbin.....b
NUGF	Relief Light Vessel No. 2, fifth district.....c	NUNS	Williamson.....b
NUGG	Natoma.....b	NUNT	Reuben James.....b
NUGJ	Alameda.....b	NUNV	Isherwood.....b
NUGK	Kaweah.....b	NUNX	Case.....b
NUGL	Laramie.....b	NUNZ	Nicholas.....b
NUMG	Mattole.....b	NUPC	John D. Edwards.....b
NUMN	Patoka.....b	NUPD	Parrott.....b
NUPG	Ramapo.....b	NUPF	Lardner.....b
NUGQ	Rapidan.....b	NUPG	Putnam.....b
NUGE	Salinas.....b	NUPJ	Pequot.....b
NUGT	Sepelo.....b	NUPK	Coghlan.....b
NUGV	Sepulga.....b	NUPL	Sicard.....b
NUGX	Tippecanoe.....b	NUPM	Edsall.....b
NUJD	Trinity.....b	NUPN	Bulmer.....b
NUJF	Abel P. Upshur.....b	NUPQ	Billingsley.....b
NUJG	Hunt.....b	NUPR	Charles Ausburne.....b
NUJH	George E. Badger.....b	NUPS	Bruce.....b
NUJJ	Smith Thompson.....b	NUPT	MacLeish.....b
		NUPV	Fruitt.....b

GOVERNMENT LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—
Continued.

Call.	Station.	Call.	Station.
NUPX	Simpson.....b	WWO	Cleveland, Ohio.....c
NUPZ	McCormick.....b	WWQ	Bellefonte, Pa.....c
NUQB	Pope.....b	WWU	Newark, N. J.....c
NUQC	Osborne.....b	WWV	Washington, D. C. (Bureau of Stand- ards).....c
NUQD	Peary.....b	WWX	College Park, Md.....c
NUQF	Goff.....b	WWY	Slocum.....b
NUQG	Pillsbury.....b	WXA	Buford.....b
NUQJ	Ford.....b	WXB	Crook.....b
NUQK	Truxtun.....b	WXC	Dix.....b
NUQL	Bainbridge.....b	WXD	Kilpatrick.....b
NUQM	Hopkins.....b	WXE	Liscum.....b
NUQN	Paul Jones.....b	WXF	Logan.....b
NUQP	Barry.....b	WXI	Merritt.....b
NUQQ	Lawrence.....b	WXJ	Sheridan.....b
NUQR	MacDonough.....b	W XK	Sherman.....b
NUQS	Perry.....b	WXL	Iditarod, Alaska.....c
NUQT	Hull.....b	WXM	Thomas.....b
NUQV	Decatur.....b	WXN	Warren.....b
WEY	General William M. Graham.....b	WXP	Craig, Alaska.....c
WFF	Sialia.....b	WXR	Fort Travis, Tex.....c
WIM	Northern Pacific.....b	WXS	Fort Saint Philip, La.....c
WIR	Great Northern.....b	WXT	Burnside.....b
WJD	Tongshan, China.....c	WXX	Cyrus W. Field.....b
WII	Atka Island, Alaska.....c	WXY	Joseph Henry.....b
WUA	Port Andrews, Mass.....c	WYZ	Navesink.....b
WUAA	Mount Vernon.....b	WYA	McGrath, Alaska.....c
WUAB	Cadmus.....b	WYB	General John M. Schofield.....b
WUAC	Gypsum Prince.....b	WYC	Fort Yukon, Alaska.....c
WUAD	Gwalla.....b	WYD	Alexandria, Va.....c
WUAE	Tacony.....b	WYE	Fort Story, Va.....c
WUB	Fort Hancock, N. J.....c	WYF	Gen. Royal T. Frank.....b
WUC	Fort H. G. Wright, N. Y.....c	WYG	Gen. S. M. Mills.....b
WUD	Fort Leavenworth, Kans.....c	WYH	Maj. Samuel Ringgold.....b
WUE	Fort Levett, Me.....c	WYI	Gen. Henry J. Hunt.....b
WUF	Fort Monroe, Va.....c	WYJ	Gen. Henry Knox.....b
WUG	Fort Monroe, Va.....c	WYK	Gen. E. O. C. Ord.....b
WUH	Fort McIntosh, Tex.....c	WYL	Col. George Armistead.....b
WUI	Fort Riley, Kans.....c	WYM	Gen. Robert Anderson.....b
WUJ	Fort San Houston, Tex.....c	WYN	Capt. Charles W. Rowell.....b
WUK	Fort Stevens, Oreg.....c	WYO	Gen. A. M. Randal.....b
WUL	Fort Totten, N. Y.....c	WYP	Gen. Harvey Brown.....b
WUM	Fort Wood, N. Y.....c	WYQ	Gen. R. B. Ayres.....b
WUN	Fort Worden, Wash.....c	WYR	Capt. James Fornance.....b
WUO	Fort Winfield Scott, Calif.....c	WYS	Reno.....b
WUP	Washington, D. C.....c	WYT	Maj. Evan Thomas.....b
WUQ	Washington, D. C.....c	WYU	Capt. Gregory Barrett.....b
WUR	Fort Morgan, Ala.....c	WYV	Maj. Albert G. Forse.....b
WUS	Fort Rosecrans, Calif.....c	WYW	Lieut. Geo. M. Harris.....b
WUT	Fort Caswell, N. C.....c	WZX	Gen. G. W. Getty.....b
WUU	Fort Adams, R. I.....c	WZZ	Capt. A. M. Wetherill.....b
WUV	Brooks, Alaska.....c		Gen. Robert W. Swartout.....b
WUY	Fort Terry, N. Y.....c		Gen. S. B. Holabird.....b
WUX	Fort Crockett, Tex.....c		Gen. R. H. Jackson.....b
WUY	Fort San Jacinto, Tex.....c		Tien-Tsin.....c
WUZ	Fort Brown, Tex.....c		Gen. Richard Arnold.....b
WVA	Circle City, Alaska.....c		Capt. T. M. Morrison.....b
WVB	Fairbanks, Alaska.....c		Fort Screven, Ga.....c
WVC	Fort Egbert, Alaska.....c		Fort Howard, Md.....c
WVD	Fort Gibbon, Alaska.....c		Fort Whitman, Wash.....c
WVE	Fort St. Michael, Alaska.....c		Fort Barranca, Fla.....c
WVF	Kotlik, Alaska.....c		Fort Constitution, N. H.....c
WVG	Nome, Alaska.....c		Fort Moultrie, S. C.....c
WVH	Nulato, Alaska.....c		Fort De Russy, Hawaii.....c
WVI	Petersburg, Alaska.....c		Shanghai, China.....c
WVJ	Wrangell, Alaska.....c		Fort Casey, Wash.....c
WVK	Holy Cross, Alaska.....c		Fort Dade, Fla.....c
WVL	Fort Frank, P. I.....c		Buckroe.....c
WVM	Fort Hughes, P. I.....c		Anderson.....c
WVN	Fort Mills, P. I.....c		Fort Du Pont, Del.....c
WVO	Davao, P. I.....c		Fort Bliss, Tex.....c
WVP	Fort Drumm, P. I.....c		Fort Huachuca, Ariz.....c
WVQ	Fort William McKinley, P. I.....c		Gen. Timothy Pickering.....b
WVR	Fort Wint, P. I.....c		Gen. Nathaniel Greene.....b
WVS	Jolo, P. I.....c		Henry Wilson.....b
WVT	Malabang, P. I.....c		Gen. George H. Weeks.....b
WVU	Manila, P. I.....c		Sprigg Carroll.....b
WVV	Puerto Princesa, P. I.....c		General J. M. Brannon.....b
WVW	Zamboanga, P. I.....c		Gen. R. N. Batchelder.....b
WVX	Cuyo, P. I.....c		Gen. Miffin.....b
WVY	San Jose, P. I.....c		Maj. Guy Howard.....b
WVZ	Fort Mills, P. I.....c		San Pedro.....b
WWG	Chicago, Ill.....c		

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[Additions to the List of Radio Stations of the United States, edition of June 15, 1919, only.]

Station.	Call signal.	Wave lengths.	Station controlled by—
Agricultural College, Miss.....	5YD	200, 375	Mississippi Agricultural & Mechanical College.
Agricultural College, N. Dak.....	9YG	200, 300, 375	North Dakota Agricultural College.
Ann Arbor, Mich.....	8XA	600, variable.	University of Michigan.
Anuberry, Calif.....	6XR	200, 375	San Joaquin Light & Power Corp.
Auburn, Ala.....	5XA	200, 375	Alabama Polytechnic Institute.
Auburn, N. Y.....	8YA	200, 375	Edward L. Colby (Colby's Telegraph School).
Austin, Tex.....	5ZU	200, 375	Wesley Hope Tilley.
Bala, Pa.....	3ZA	300, 325	Charles A. Service, jr.
Baltimore, Md.....	3XD	300, 345, 385	Johns Hopkins University.
Baltimore, Md.....	3XG	400, 420, 600	Edward O. Hurlburt
Battle Creek, Mich.....	8ZC	200, 375	Bert E. Clough.
Baudette, Minn.....	9ZC	200, 375	John A. Gjølhaug.
Bear Creek, Mont.....	7ZG	200, 375	Winfred E. Slauson.
Blackwell, Okla.....	5ZZ	200, 375	Harold Schonwald.
Bloomington, Ill.....	9YS	200, 375	Illinois Wesleyan University.
Boise, Idaho.....	7YA	200, 375	Independent School District of Boise City.
Boston, Mass.....	1YC	300, 425, 600	Eastern Radio Institute.
Bozeman, Mont.....	7XB	200, 300, 375	Montana State College.
Bozeman, Mont.....	7ZD	200, 300, 375	R. Earl Dawes.
Brooklyn, N. Y.....	2XT	200, 375	Lowenstein Radio Co.
Buffalo, N. Y.....	8ZM	200, 375	Cyrus H. Fraser.
Burley, Idaho.....	7YF	300, 600, 5000	Burley High School (J. J. Rae, Supt.)
Burnwood, La.....	5XE	10000	Tropical Radio Telegraph Co.
Cambridge, Mass.....	1XJ		Harvard University.
Cambridge, Mass.....	1XM		Massachusetts Institute of Technology.
Camp Dix, N. J.....	2YA	200, 375	Knights of Columbus.
Canton, Ohio.....	8ZV	200, 375	Henry L. Ley.
Chicago, Ill.....	9ZN	200, 375	Ralph H. G. Mathews.
Cincinnati, Ohio.....	8XB	200, 375	Precision Equipment Co.
Cincinnati, Ohio.....	8ZJ		Hughes High School.
Cleveland, Ohio.....	8XF		Emil J. Simon.
Cliffwood, N. J.....	2XF	350, 450	Western Electric Co.
Clifton, N. J.....	2ZM	200, 325, 425	Lester Spangenburg.
Clinton, Md.....	3XE	200, 300, 425	W. W. Conners.
Cochise, Ariz.....	6ZC	200, 375	Dr. J. B. Ellis.
College Station, Tex.....	5XB		Agricultural & Mechanical College of Texas.
College Station, Tex.....	5YF	200, 375	Do.
Columbus, Ohio.....	8XI	200, 375	Ohio State University.
Dearborn, Mich.....	8XD		Henry Ford.
Defiance, Ohio.....	8ZY	200, 375	K. A. Duerk.
Denver, Colo.....	9ZD	200, 375	Edward C. Stockman.
Detroit, Mich.....	8ZN		George W. Carter.
Dover, Ohio.....	8ZX	200, 375	Harry S. Weber.
Eagle Pass, Tex.....	5ZN	200, 375	Ed. Nettleton.
Elberon, N. J.....	2XJ		Western Electric Co.
Elk, Wyo.....	7ZE	200, 375	Harold Prescott Sheard.
Eugene, Oreg.....	7YB		University of Oregon.
Franklin, La.....	5ZK	200, 425	Paul Ellis Greenlaw.
Fresno, Calif.....	6XU		San Joaquin Light & Power Corp.
Glenridge, N. J.....	2XV	300, 400, 500	Western Electric Co.
Green Harbor, Mass.....	1XD	600	Do.
Hanover, N. H.....	1YB	350, 450	Dartmouth College.
House, Tex.....	5ZW	200, 300, 375	Donald Harper Graham.
Houston, Tex.....	5YI	600	Rice Institute.
Houston, Tex.....	5Z X	200, 375	James L. Autry, jr.
Houston, Tex.....	5ZO	200, 300, 375	Clifford W. Vick.
		600	

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Station controlled by—
Houston, Tex.	5ZT	200, 300, 375 600	Ingham S. Roberts III.
Houston, Tex.	5ZV	200, 375	Hallet E. Worthington.
Independence, Mo.	9ZH	200, 375	Reorganized Church of Christ of Latter Day Saints.
Indianapolis, Ind.	9ZJ	200, 375	Francis F. Hamilton.
Ithaca, N. Y.	8XU	200, 375	Cornell University.
Jackson, Tenn.	5YB	200, 425	Y. M. C. A.
Kansas City, Mo.	9ZZ	.....	Walter M. Aronson and Albert R. Perkins.
Kingston, R. I.	1YA	.....	Rhode Island State College.
Lacey, Wash.	7YS	200, 375	St. Martin's College.
La Crosse, Wis.	9ZY	.....	Ben A. Ott.
Lafayette, Ind.	9YB	.....	Purdue University.
Lawrence, Kans.	9YN	200, 375	University of Kansas.
Lewisburg, Pa.	8XJ	.....	Bucknell University.
Lexington, Ky.	9YC	.....	University of Kentucky.
Lincoln, Nebr.	9YY	200, 375	University of Nebraska.
Little Rock, Ark.	5YH	.....	U. S. Signal Corps, 5th Field Sig. Bat.
Little Rock, Ark.	5ZL	200, 300, 375	John M. Clayton.
Los Altos, Calif.	6XY	.....	National Radio Co.
Los Angeles, Calif.	6XD	250, 300, 550 600	Western Radio Electric Co.
Los Angeles, Calif.	6XQ	200, 300, 600 1600	Southern California Edison Co.
Los Angeles, Calif.	6ZG	.....	Forbes W. Van Why.
Lynn, Mass.	1XL	.....	General Electric Co.
Madison, Wis.	9XM	300, 600 Variable.	University of Wisconsin.
Manhattan, Kans.	9YV	200, 375	Kansas State Agricultural College.
Manitowoc, Wis.	9ZL	200, 375	W. C. Bridges and H. J. Burhop.
Manlius, N. Y.	8YB	200, 375, 1200	St. John's School.
Mesilla Park, N. Mex.	5ZJ	.....	R. W. Goddard.
Middletown, Conn.	1XN	.....	Walter G. Cady.
Minneapolis, Minn.	9ZT	200, 375	Minnesota Wireless Association.
Minneapolis, Minn.	9XI	.....	University of Minnesota.
Montclair, N. J.	2XS	200, 275, 325, 425	Adams Morgan Co.
Mulga, Ala.	5ZY	200, 375	Thomas D. Sewell.
Muncie, Ind.	9YR	200, 375	Muncie Technical High School.
New Haven, Conn.	1ZC	.....	A. C. Gilbert Co.
New Orleans, La.	5YC	200, 375	Nola Radio School.
New Orleans, La.	5ZP	200, 250	Herbert E. De Ben.
New Rochelle, N. Y.	2ZK	200, 350, 425	George C. Cannon.
New York, N. Y.	2XB	Variable.	Western Electric Co.
New York, N. Y.	2XG	300, 600	De Forest Radio Tel. & Telgh. Co.
New York, N. Y.	2XO	200, 300, 600, 800	Walter G. Hudson.
New York, N. Y.	2XZ	200, 300, 375, 600	Fordham University.
New York, N. Y.	2YB	200, 300, 375, 600	B. B. Brownlee.
New York, N. Y.	2YT	250, 300, 600	Marconi Institute.
Norfolk, Va.	3YD	.....	Norfolk Radio School.
Norfolk, Va.	3ZC	.....	City of Norfolk, Dept. of Public Safety.
Northville, Mich.	8XL	.....	Henry Ford.
Nutley, N. J.	2ZH	200, 300, 325, 600	Arthur A. Hebert.
Oakland, Calif.	6XC	200, 300, 375, 600	National Radio Co.
Oakland, Calif.	6XX	300, 600, va- riable.	St. Mary's College.
Oelwein, Iowa.	9ZQ	200, 375	George Raymond Hammond.
Omaha, Nebr.	9YP	.....	High School of Commerce.
Ossining, N. Y.	2XX	300, 600, va- riable.	De Forest Radio Tel. & Telgh. Co.
Palo Alto, Calif.	6XV	300, 600	Federal Telegraph Co.
Philadelphia, Pa.	3XI	.....	Lester R. Damon.
Philadelphia, Pa.	3YC	200, 300, 375, 600	North East High School.
Pittsburgh, Pa.	8XH	200, 375, 425	Parker Elloit Wiggin.
Pittsburgh, Pa.	8XK	500, variable.	Frank Conrad.
Pittsburgh, Pa.	8YZ	200, 375	Charles C. Dunning (Peabody High School).
Pittsburgh, Pa.	8ZO	.....	Frank Moore, jr.
Portland, Oreg.	7YG	.....	Y. M. C. A.
Portland, Oreg.	7ZI	.....	Charles L. Austin.

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Station controlled by—
Providence, R. I.....	1XF	300, 600, variable.	Electrical Products Manufacturing Co.
Rochester, N. Y.....	8ZK	200, 375	Alexander Miller Lindsay, jr.
Rockville Center, L. I., N. Y.....	2ZL	200, 300, 325, 425	J. Owen Smith.
Roselle Park, N. J.....	2XR	300, 600, variable.	Radio Corp. of America.
Roswell, N. Mex.....	5ZA	200, 275	Louis Falconi.
Salt Lake City, Utah.....	6ZA	200, 300, 375	Ira Johnston Kaar.
San Diego, Calif.....	6XZ	200, 300, 375, 600, variable.	R. O. Shelton, M. D.
San Francisco, Calif.....	6XP	300, 600, variable.	Moorhead Laboratories (Inc.).
San Francisco, Calif.....	6XT	75, 200, 300, 375, 600	Baruch Research Laboratories.
San Francisco, Calif.....	6ZE	300, 600, variable.	D. B. McGown.
San Francisco, Calif.....	6XJ	300, 600, variable.	Otis B. Moorhead.
San Francisco, Calif.....	6XO	-----	National Radio Co.
San Gabriel, Calif.....	6XS	-----	R. B. Ashbrook.
Savannah, Ga.....	4XB	-----	Board of Public Education.
Savannah, Ga.....	4YB	-----	Knights of Columbus.
Schenectady, N. Y.....	2XA	500, 800, 1000, variable.	E. M. Kinney.
Schenectady, N. Y.....	2XQ	300, 600, variable.	Union College.
Schenectady, N. Y.....	2XY	300, 600, variable.	Wallace L. Brooks.
Seattle, Wash.....	7XZ	300, 600, variable.	University of Washington.
Seattle, Wash.....	7XK	-----	Kilbourne & Clark Manufacturing Co.
Seattle, Wash.....	7YC	200, 300, 375, 600	Y. M. C. A.
Seattle, Wash.....	7YD	-----	Knights of Columbus.
Seattle, Wash.....	7YE	-----	City of Seattle School District.
Shreveport, La.....	5ZS	210, 300, 425	William E. Antony.
Sioux City, Iowa.....	9ZU	200, 375	Sioux City Radio Laboratory.
South Orange, N. J.....	2ZC	200, 300, 375	Henry L. Leeb.
Springfield, Ill.....	9ZS	200, 225, 300, 1700	Illinois Watch Co.
Springfield, Mass.....	1ZK	200, 375	Glen C. Sabin.
State College, N. Mex.....	5XD	-----	New Mexico College.
State College, Pa.....	8XE	200, 375, variable.	Pennsylvania State College.
Staunton, Va.....	3YE	-----	Staunton Military Academy.
St. Louis, Mo.....	9ZV	200, 375	James Albert Crowds.
Toledo, Ohio.....	8ZI	200, 375	Adelbert Jacob Gogel.
University P. O., Miss.....	5YE	200, 375	University of Mississippi.
University Place, Nebr.....	9YD	200, 375	Nebraska Wesleyan University.
Urbana, Ill.....	9XJ	-----	University of Illinois.
Valparaiso, Ind.....	9XD	300, 600, variable.	Dodge's Institute of Telegraphy.
Valley City, N. Dak.....	9ZX	175, 200, 375	Russell H. Pray.
Vancouver, Wash.....	7ZB	-----	John D. Hertz.
Washington, D. C.....	3XH	-----	Lester Stewart Barr.
Washington, D. C.....	3XF	200, 375, variable.	Francis Meyer Baer.
Washington, D. C.....	3ZB	200, 375	A. B. Brown (Bliss Electrical High School).
Washington, D. C.....	3YA	200, 375	Loomis Radio School.
Wayne, Nebr.....	9YT	200, 375	State Normal School.
Wheeling, W. Va.....	8ZW	200, 375	John C. Stroebel, jr.
Wilkes-Barre, Pa.....	8ZS	200, 375	John H. Stenger, jr.
Woodmere, N. Y.....	2XH	200, 250, 300, 600	Cutting & Washington Radio Corp.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS.

Call signal.	District and station.	Call signal.	District and station.
	First district:		Fifth district—Continued.
1XD	Green Harbor, Mass.	5ZS	Shreveport, La.
1XF	Providence, R. I.	5ZT	Houston, Tex.
1XJ	Cambridge, Mass.	5ZU	Austin, Tex.
1XL	Lynn, Mass.	5ZV	Houston, Tex.
1XM	Cambridge, Mass.	5ZW	Houston, Tex.
1XN	Middletown, Conn.	5ZX	Houston, Tex.
1YA	Kingston, R. I.	5ZY	Mulga, Ala.
1YB	Hanover, N. H.	5ZZ	Blackwell, Okla.
1YC	Boston, Mass.		Sixth district:
1ZC	New Haven, Conn.	6XC	Oakland, Calif.
1ZK	Springfield, Mass.	6XD	Los Angeles, Calif.
	Second district:	6XJ	San Francisco, Calif.
2XA	Schenectady, N. Y.	6XO	San Francisco, Calif.
2XB	New York, N. Y.	6XP	San Francisco, Calif.
2XF	Cliffwood, N. J.	6XQ	Los Angeles, Calif.
2XG	New York, N. Y.	6XR	Auberry, Calif.
2XH	Woodmere, N. Y.	6XS	San Gabriel, Calif.
2XJ	Elberon, N. J.	6XT	San Francisco, Calif.
2XO	New York, N. Y.	6XU	Fresno, Calif.
2XQ	Schenectady, N. Y.	6XV	Palo Alto, Calif.
2XR	Roselle Park, N. J.	6XX	Oakland, Calif.
2XS	Montclair, N. J.	6XY	Los Altos, Calif.
2XT	Brooklyn, N. Y.	6XZ	San Diego, Calif.
2XV	Glenridge, N. J.	6ZA	Salt Lake City, Utah.
2XX	Ossining, N. Y.	6ZC	Cochise, Ariz.
2XY	Schenectady, N. Y.	6ZE	San Francisco, Calif.
2XZ	New York, N. Y.	6ZG	Los Angeles, Calif.
2YA	Camp Dix, N. J.		Seventh district:
2YB	New York, N. Y.	7XB	Bozeman, Mont.
2YT	New York, N. Y.	7XK	Seattle, Wash.
2ZC	South Orange, N. J.	7XZ	Seattle, Wash.
2ZH	Nutley, N. J.	7YA	Boise, Idaho.
2ZK	New Rochelle, N. Y.	7YB	Eugene, Oreg.
2ZL	Rockville Center, N. Y.	7YC	Seattle, Wash.
2ZM	Clifton, N. J.	7YD	Seattle, Wash.
	Third district:	7YE	Burley, Idaho.
3XD	Baltimore, Md.	7YF	Portland, Oreg.
3XE	Clinton, Md.	7YG	Lacey, Wash.
3XF	Washington, D. C.	7YS	Vancouver, Wash.
3XG	Baltimore, Md.	7ZB	Bozeman, Mont.
3XH	Washington, D. C.	7ZD	Elk, Wyo.
3XI	Philadelphia, Pa.	7ZE	Bear Creek, Mont.
3YA	Washington, D. C.	7ZG	Portland, Oreg.
3YC	Philadelphia, Pa.	7ZI	
3YD	Norfolk, Va.		Eighth district:
3YE	Staunton, Va.	8XA	Ann Arbor, Mich.
3ZA	Bala, Pa.	8XB	Cincinnati, Ohio.
3ZB	Washington, D. C.	8XD	Dearborn, Mich.
3ZC	Norfolk, Va.	8XE	State College, Pa.
	Fourth district:	8XF	Cleveland, Ohio.
4XB	Savannah, Ga.	8XH	Pittsburgh, Pa.
4YB	Savannah, Ga.	8XI	Columbus, Ohio.
	Fifth district:	8XJ	Lewisburg, Pa.
5XA	Auburn, Ala.	8XK	Pittsburgh, Pa.
5XB	College Station, Tex.	8XL	Northville, Mich.
5XD	State College, N. Mex.	8XU	Ithaca, N. Y.
5XE	Burnwood, La.	8YA	Auburn, N. Y.
5YB	Jackson, Tenn.	8YB	Manlius, N. Y.
5YC	New Orleans, La.	8YZ	Pittsburgh, Pa.
5YD	Agricultural College, Miss.	8ZC	Battle Creek, Mich.
5YE	University P. O., Miss.	8ZI	Toledo, Ohio.
5YF	College Station, Tex.	8ZJ	Cincinnati, Ohio.
5YH	Little Rock, Ark.	8ZK	Rochester, N. Y.
5YI	Houston, Tex.	8ZM	Buffalo, N. Y.
5ZA	Roswell, N. Mex.	8ZN	Detroit, Mich.
5ZJ	Mesilla Park, N. Mex.	8ZO	Pittsburgh, Pa.
5ZK	Franklin, La.	8ZS	Wilkes-Barre, Pa.
5ZL	Little Rock, Ark.	8ZV	Canton, Ohio.
5ZN	Eagle Pass, Tex.	8ZW	Wheeling, W. Va.
5ZO	Houston, Tex.	8ZX	Dover, Ohio.
5ZP	New Orleans, La.	8ZY	Defiance, Ohio.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
9XD	Ninth district:	9ZC	Ninth district—Continued.
9XI	Valparaiso, Ind.	9ZD	Baudette, Minn.
9XJ	Minneapolis, Minn.	9ZH	Denver, Colo.
9XM	Urbana, Ill.	9ZJ	Independence, Mo.
9YB	Madison, Wis.	9ZL	Indianapolis, Ind.
9YC	Lafayette, Ind.	9ZN	Manitowoc, Wis.
9YD	Lexington, Ky.	9ZQ	Chicago, Ill.
9YD	University Place, Nebr.	9ZS	Oelwein, Iowa.
9YG	Agricultural College, N. Dak.	9ZT	Springfield, Ill.
9YN	Lawrence, Kans.	9ZV	Minneapolis, Minn.
9YP	Omaha, Nebr.	9ZU	Sioux City, Iowa.
9YR	Muncie, Ind.	9ZV	St. Louis, Mo.
9YS	Bloomington, Ill.	9ZX	Valley City, N. Dak.
9YT	Wayne, Nebr.	9ZY	La Crosse, Wis.
9YV	Manhattan, Kans.	9ZZ	Kansas City, Mo.
9YY	Lincoln, Nebr.		

6803°—20—7

RADIO COMPASS STATION INSTRUCTIONS.

Radio compass stations have been installed on the Atlantic coast for the purpose of supplying vessels with bearings and positions. These stations are divided into two classes—those operating independently, and others, called harbor-entrance stations, operated under the control of a central control station at harbor entrances in order to guide vessels to the entrance buoys. The independent stations have been located with a view to giving good cross bearings to ships which are not over 150 miles distant from the coast, while the harbor-entrance stations have been located with a view to furnishing vessels with positions when they are within 50 miles of the entrance to the outer channel.

Harbor-entrance radio compass stations differ from those acting independently in that they are connected to and controlled by a central control station.

1. There follows a list of harbor-entrance radio compass stations:

Harbor entrance.	Compass-control station.	Radio call.
Boston, Mass.....	Boston.....	NAD
New York, N. Y.....	New York.....	NAH
Delaware Capes.....	Cape May.....	NSD
Chesapeake Capes.....	Virginia Beach.....	NCZ

The following radio compass stations take bearings for Boston:

Place.	Position.	
	Latitude.	Longitude.
	° ' "	° ' "
Gloucester, Mass.....	42 35 19 N	70 41 08 W
Deer Island, Mass.....	42 21 15 N	70 57 30 W
Fourth Cliff, Mass.....	42 09 40 N	70 42 22 W

The following radio compass stations take bearings for New York:

Place.	Position.	
	Latitude.	Longitude.
	° ' "	° ' "
Fire Island, N. Y.....	40 38 07 N	73 12 32 W
Rockaway Beach, Long Island.....	40 33 52 N	73 52 40 W
Sandy Hook, N. J.....	40 28 12 N	74 01 06 W
Mantoloking, N. J.....	40 01 30 N	74 03 10 W
Montauk, Long Island.....	41 03 09 N	71 57 27 W

The following radio compass stations take bearings for Cape May:

Place.	Position.	
	Latitude.	Longitude.
Cape May, N. J.....	38 56 41 N	74 53 10 W
Cape Henlopen, Del.....	38 47 26 N	75 05 16 W
Bethany Beach, Del.....	38 32 45 N	75 03 20 W

The following radio compass stations take bearings for Virginia Beach:

Place.	Position.	
	Latitude.	Longitude.
Hog Island, Va.....	37 22 36 N	75 42 37 W
Smith Island, Va.....	37 07 08 N	75 53 42 W
Cape Henry, Va.....	36 55 16 N	75 59 51 W

2. To obtain a bearing from independent radio compass stations, call the station from which the bearing is desired in the usual manner and request bearings by means of a conventional signal given below. Simultaneous bearings from two or more compass stations can be obtained by making the call include the other compass stations desired.

3. To obtain bearings from harbor-entrance compass stations carry out the same procedure with the exception that the compass-control station should be called instead of the compass station.

4. When bearings are requested simultaneously from two or more compass stations the compass station which is farthest north will supply the ship with its bearing first; the others will then follow in the order of their north to south, or east to west, geographical location.

5. The following abbreviated signals will be used until further notice:

Signal.	Meaning.
QTE?.....	What is my true bearing?
QTE.....	Your true bearing is ——— degrees from ——— radio compass station.
QTF?.....	What is my position?
QTF.....	Your position is latitude ———, longitude ———.

6. The radio compass station (or compass-control station for harbor-entrance compass stations) will answer requests for bearings and positions in the customary manner of answering calls and follow their call letters with "K" if they desire to take a bearing at that time, "QRX" if they desire the vessel to stand by, or other abbreviated signal authorized by International Regulations.

7. On being told to "K" vessels desiring bearings or positions will transmit their radio call letters for 30 seconds and then make dashes 5 seconds long for 1 minute, making their call letters 3 times after each 5-second dash and terminating with the conventional signal "K" (go ahead).

8. At the expiration of the direction-determining signals the radio compass station (or compass-control station) will call the vessel, make "QTE," and send the bearing

in degrees (0 to 359) and the name of the compass station which obtained the bearing, or "QTF" and the position in latitude and longitude. Bearings and positions will always be transmitted to the vessel in words to avoid error.

9. Vessels acknowledge receipt of bearings and positions by making the call letters of the station transmitting the bearing or position once, "DE," vessel's radio call letters, and then repeats the bearing or position received, using numerals.

10. Independent radio compass stations keep watch on 600 meters, and this wave length should always be used to call these stations; but, as soon as they answer, naval vessels will shift to tune "M" (952 meters), all transmission from the vessel being carried out thereafter on this wave length.

11. The control stations for harbor-entrance radio compass stations keep watch on 600 and 952 meters. Naval vessels will call these stations on 952 meters and carry out all tests and communication with them hereafter on 952 meters.

12. Merchant vessels will call all radio compass and compass-control stations on 600 meters and carry out all tests and communication with them thereafter on this wave length.

13. Commanders of vessels should note that shore radio compass stations can not distinguish between the bearing of a ship and its reciprocal unless the reciprocal bears inland. There is, therefore, a possibility of an error of 180 degrees. In such cases the decision is left to the commander of the ship as to which is the correct bearing.

14. Subject to the foregoing, bearings should be accurate within 2 degrees of arc. When bearings from three or more compass stations are not over 2 degrees of an arc in error, but do not meet at a fixed point, the center of an area inclosed by the bearings can generally be taken as the approximate position of the vessel.

15. There follows a complete list of naval shore radio compass stations.

RADIO COMPASS STATIONS ON ATLANTIC AND PACIFIC COASTS, ALPHABETICALLY BY NAMES OF STATIONS.

ATLANTIC COAST.

Station.	Call.	Wave lengths.	Position.
Amagansett, L. I.	NAH	800	Lat. 41-03-39 N, long. 71-57-27 W.
Appledore Island, Me.	NTW	800	Lat. 42-59-12 N, long. 70-36-42 W.
Bar Harbor, Me.	NBD	800	Lat. 44-18-36 N, long. 68-11-27 W.
Bethany Beach, Del.	NSD	800	Lat. 38-32-45 N, long. 75-03-21 W.
Burrwood, La.	NBX	800	Lat. 29-11-24 N, long. 89-02-26 W.
Cape Cod, Mass.	NAE	800	Lat. 42-02-58 N, long. 70-04-32 W.
Cape Hatteras, N. C.	NDW	800	Lat. 35-14-22 N, long. 75-31-42 W.
Cape Henlopen, Del.	NSD	800	
Cape Henry, Va.	NCZ	800	Lat. 36-55-16 N, long. 75-59-51 W.
Cape Lookout, N. C.	NAN	800	Lat. 34-36-13 N, long. 76-32-15 W.
Cape May, N. J.	NSD	800	Lat. 38-56-41 N, long. 74-53-10 W.
Chatham, Mass.	NXA	800	Lat. 41-42-48 N, long. 69-57-53 W.
Damiscove Island, Me.	NFQ	800	Lat. 43-45-17 N, long. 69-36-47 W.
Deer Island, Mass.	NAD	800	Lat. 42-21-15 N, long. 70-57-30 W.
Fire Island, N. Y.	NAH	800	Lat. 40-38-07 N, long. 73-12-32 W.
Fourth Cliff, Mass.	NAD	800	Lat. 42-09-40 N, long. 70-42-22 W.
Gloucester, Mass.	NAD	800	Lat. 42-35-19 N, long. 70-41-08 W.
Grand Island, La.	NLI	800	Lat. 29-13-52 N, long. 89-59-46 W.
Hog Island, Va.	NCZ	800	Lat. 37-22-36 N, long. 75-42-37 W.
Jupiter Inlet, Fla.	NAQ	800	
Mantoloking, N. J.	NAH	800	Lat. 40-01-30 N, long. 74-03-10 W.
Morris Island, S. C.	NAO	800	Lat. 32-41-36 N, long. 79-53-17 W.
North Island, S. C.	NZW	800	Lat. 33-13-21 N, long. 79-11-06 W.
Pass a Loutre, La.	NBX	800	Lat. 29-11-24 N, long. 89-02-26 W.
Poyners Hill, N. C.	NCZ	800	
Prices Neck, R. I.	NAF	800	Lat. 41-27-06 N, long. 71-20-15 W.
Rockaway Beach, N. Y.	NAH	800	Lat. 40-33-52 N, long. 73-52-40 W.
Sandy Hook, N. J.	NAH	800	Lat. 40-28-12 N, long. 74-01-06 W.
Surfside Nantucket, Mass.	NBS	800	Lat. 41-14-42 N, long. 70-05-56 W.
Watch Hill, R. I.	NAF	800	Lat. 41-18-21 N, long. 71-51-29 W.

PACIFIC COAST.

Avalon, Santa Cat., Calif.	NZL	800	Lat. 33-20-38 N, long. 118-19-02 W.
Bird Island, Calif.	NED	800	Lat. 37-49-24 N, long. 122-32-14 W.
Cattle Point, Wash.	NFN	800	Lat. 48-27-02 N, long. 122-57-42 W.
Empire, Oreg.	NPF	800	
Eureka, Calif.	NPW	800	Lat. 40-41-45 N, long. 124-16-40 W.
Farallon Island, Calif.	NPI	800	Lat. 37-42-00 N, long. 123-00-00 W.
Fort Stevens, Wash.	NPE	800	Lat. 49-11-30 N, long. 123-59-10 W.
Imperial Beach, Calif.	NPL	800	Lat. 32-37-10 N, long. 117-08-10 W.
New Dungeness, Wash.	NFT	800	Lat. 48-10-12 N, long. 123-07-57 W.
Ocean Park, Wash.	NPE	800	Lat. 46-27-45 N, long. 124-03-30 W.
Point Arguello, Calif.	NPK	800	
Point Fermin, Calif.	NPX	800	Lat. 33-42-22 N, long. 118-17-40 W.
Point Hueneme, Calif.	NMD	800	Lat. 34-08-47 N, long. 119-12-33 W.
Point Loma, Calif.	NPL	800	Lat. 32-40-10 N, long. 117-14-45 W.
Point Montara, Calif.	NLH	800	Lat. 37-32-12 N, long. 122-31-14 W.
Point Reyes, Calif.	NLG	800	Lat. 38-02-31 N, long. 122-59-30 W.
Port Angeles, Wash.	NFT	800	
Slip Point, Wash.	NPD	800	
Smith Island, Wash.	NFH	800	
Tatoosh, Wash.	NPD	800	Lat. 48-23-39 N, long. 124-44-10 W.
West Port, Wash.	NHL	800	

RADIO COMPASS STATIONS ON ATLANTIC AND PACIFIC COASTS, ALPHABETICALLY BY CALL SIGNALS.

ATLANTIC COAST.

Call.	Station.	Call.	Station.
NAD	Gloucester, Mass.	NBS	Surfside Nantucket, Mass.
NAD	Fourth Cliff, Mass.	NBX	Pass a Loutre, La.
NAD	Deer Island, Mass.	NBX	Burrwood, La.
NAE	Cape Cod, Mass.	NCZ	Cape Henry, Va.
NAF	Prices Neck, R. I.	NCZ	Poyners Hill, N. C.
NAF	Watch Hill, R. I.	NCZ	Hog Island, Va.
NAH	Rockaway Beach, N. Y.	NDW	Cape Hatteras, N. C.
NAH	Sandy Hook, N. J.	NFQ	Damiscove Island, Me.
NAH	Amagansett, L. I., N. Y.	NLI	Grand Island, La.
NAH	Fire Island, N. Y.	NSD	Cape Henlopen, Del.
NAH	Mantoloking, N. J.	NSD	Bethany Beach, Del.
NAN	Cape Lookout, N. C.	NSD	Cape May, N. J.
NAO	Morris Island, S. C.	NTW	Appledore Island, Me.
NAQ	Jupiter Inlet, Fla.	NXA	Chatham, Mass.
NBD	Bar Harbor, Me.	NZW	North Island, S. C.

PACIFIC COAST.

NFH	Smith Island, Wash.	NPE	Ocean Park, Wash.
NFN	Cattle Point, Wash.	NPE	Fort Stevens, Wash.
NFT	New Dungeness, Wash.	NPF	Empire, Oreg.
NFT	Port Angeles, Wash.	NPI	Farallon Island, Calif.
NHL	West Port, Wash.	NPK	Point Arguello, Calif.
NLD	Bird Island, Calif.	NPL	Imperial Beach, Calif.
NLG	Point Reyes, Calif.	NPL	Point Loma, Calif.
NLH	Point Montara, Calif.	NPX	Point Fermin, Calif.
NMD	Point Hueneme, Calif.	NPW	Eureka, Calif.
NPD	Slip Point, Wash.	NZL	Avalon, Santa Cat., Calif.
NPD	Tatoosh, Wash.		

APPENDIX.

TRANSMISSION OF HYDROGRAPHIC INFORMATION, WEATHER REPORTS, AND TIME SIGNALS BY NAVAL RADIO STATIONS.

HYDROGRAPHIC INFORMATION.

Information concerning wrecks, derelicts, ice, and other dangerous obstructions to navigation whenever received from the Hydrographic Office or from a branch hydrographic office or other reliable source is sent broadcast four times daily, viz, at 8 a. m., noon, 4 p. m., and 8 p. m., local (standard) time of station. Ships within range of a naval radio station should be prepared to receive these hydrographic messages at the hours mentioned and should avoid sending radio messages at these times. One vessel sending may prevent several others receiving information necessary to their safety.

Naval radio stations will furnish this information to passing vessels on request, whenever practicable, at other hours than those mentioned above. Should it not be practicable to send out this information on one of the hours scheduled it will be held until the next scheduled time and sent out as soon as practicable after each hour scheduled.

Each day at noon and 10 p. m., seventy-fifth meridian, immediately following the time signal, the Naval Radio Station at Washington, D. C., will broadcast such information relating to safe navigation as may be furnished it by the Hydrographic Office during the preceding 24 hours. The same wave length, 2,500 meters, used in the time signal will be employed.

TRANSMISSION OF WEATHER REPORTS BY NAVAL RADIO STATIONS.

Through cooperation with local offices of the United States Weather Bureau, weather forecasts are sent broadcast to sea through naval coast radio stations at certain times, varying with the locality, as described below. Coast stations are generally prepared to give local forecasts to passing vessels without charge, on request.

ATLANTIC COAST.

Sent by Washington (NAA) on 2,500 meters wave length and Key West (NAR) on 1,500 meters wave length immediately following 10 p. m. time and hydrographic information (seventy-fifth meridian time).

The coast line is divided as follows:

North Atlantic, Halifax to New York; middle Atlantic, New York to Hatteras; south Atlantic, Hatteras to Key West; east Gulf, Key West to mouth of Mississippi; west Gulf, mouth of Mississippi to mouth of Rio Grande.

This bulletin consists of two parts, the first part containing code letters and figures expressing the actual weather conditions at 8 p. m., seventy-fifth meridian time, on the day of distribution at certain points along the eastern coast of North America, one point along the coast of the Gulf of Mexico, and one at Bermuda. The second

part contains a special forecast of the probable winds to be experienced a hundred miles or so offshore. The second part of the bulletin also contains certain warnings of severe storms along the coast whenever occasion arises.

The points for which weather conditions are furnished by the above bulletin are designated, respectively, by their initial letter, except in the case of Nantucket, for which the letter T is used; accordingly, S=Sydney, T=Nantucket, DB=Delaware Breakwater, H=Hatteras, C=Charleston, K=Key West, P=Pensacola, and B=Bermuda.

GREAT LAKES.

Sent by Great Lakes (NAJ) on 1,512 meters and Washington (NAA) on 2,500 meters immediately following 10 p. m. time and hydrographic information (ninetieth meridian time).

This bulletin is sent in a similar manner to the one sent out for the Atlantic coast, except the first part expresses the actual weather conditions at 7 p. m., ninetieth meridian time, on the day of distribution at certain points on the Great Lakes. These points are designated as follows: Du=Duluth, M=Marquette, U=Sault Sainte Marie, G=Green Bay, Ch=Chicago, L=Alpena, D=Detroit, V=Cleveland, and F=Buffalo.

This grouping begins on Lake Superior and ends on Lake Erie.

The second part contains a special forecast of the probable winds to be experienced on the Lakes.

Lakes Superior, Michigan, and Huron are considered the upper lakes, and Lakes Erie and Ontario the lower lakes.

All bulletins begin with the letters U. S. W. B. (United States Weather Bureau) and the weather conditions follow. The first three figures of a report represent the barometric pressure in inches (002=30.02); the next figure, the fourth in sequence, represents the direction of the wind to the eight points of the compass: 1=north, 2=northeast, 3=east, 4=southeast, 5=south, 6=southwest, 7=west, 8=northwest, and 0=calm. The fifth figure represents the force of the wind on the Beaufort scale following:

Beaufort scale of wind force.

Number and designation.	Statute miles per hour.	Nautical miles per hour.
0 Calm.....	0 to 3	0 to 2.6
1 Light air.....	8	6.9
2 Light breeze.....	13	11.3
3 Gentle breeze.....	18	15.6
4 Moderate breeze.....	23	20.0
5 Fresh breeze.....	28	24.3
6 Strong breeze.....	34	29.5
7 Moderate gale.....	40	34.7
8 Fresh gale.....	48	41.6
9 Strong gale.....	56	48.6
10 Whole gale.....	65	56.4
11 Storm.....	75	65.1
12 Hurricane.....	90 and over.	78.1 and over.

In order to simplify the code, no provision has been made for wind force greater than 9, strong gale, on the Beaufort scale. Whenever winds of force greater than 9 occur the number representing them is given in words instead of figures, thus: Ten, eleven, etc.

EXAMPLES OF CODE.

U S W B S 96465 T 91674 DB 94686 H 99886 C 01214 K 02622 P 03613
B 00065.

Translation.

United States Weather Bureau.

Station.	Pressure.	Wind.	
		Direction.	Force. ¹
Sydney.....	29.64	SW	5
Nantucket.....	29.16	W	4
Delaware Breakwater.....	29.46	NW	6
Hatteras.....	29.98	NW	6
Charleston.....	30.12	N	4
Key West.....	30.26	NE	2
Pensacola.....	30.36	N	3
Bermuda.....	30.00	SW	5

¹ See Beaufort scale.

U S W B Du 95826 M 97635 U 00443 G 96046 Ch 95667 L 00644 D 00842
V 01054 F 01656

Translation.

United States Weather Bureau.

Station.	Pressure.	Wind.	
		Direction.	Force. ¹
Duluth.....	29.58	NE	6
Marquette.....	29.76	E	5
Sault Ste. Marie.....	30.04	SE	3
Green Bay.....	29.60	SE	6
Chicago.....	29.56	SW	7
Alpena.....	30.06	SE	4
Detroit.....	30.08	SE	2
Cleveland.....	30.10	S	4
Buffalo.....	30.16	S	6

¹ See Beaufort scale.

PACIFIC COAST.

Weather bulletins are obtained from the Weather Bureau, San Francisco, by the San Francisco Naval Radio Station at about 8.30 a. m. and 6 p. m. and forwarded by radio to North Head and San Diego as soon as practicable. Same is broadcasted by San Francisco, North Head, and San Diego at noon and 10 p. m. on 952 meters immediately after transmission of time signals. Hydrographic information and storm warnings are broadcasted immediately upon receipt by Tatoosh, Puget Sound, North Head, Marshfield, San Francisco, and Point Arguello on 600 and 952 meters in succession, and also after broadcasting local weather report. Local weather reports broadcasted by Tatoosh, North Head, San Francisco, and San Diego at 8 a. m. and 4 p. m. on 600 meters and at noon and 10 p. m. 952 meters; and at noon and 10 p. m. by Puget Sound, Marshfield, and Point Arguello on 600 meters. Total weather report from Farallones Islands is forwarded to San Francisco for Marine Exchange at 8 a. m., noon, and 5 p. m.

The daily bulletin broadcasted by San Francisco, North Head, and San Diego will consist of two parts. The first part will contain code words and figures which will express the actual weather conditions at 5 p. m. (one hundred and twentieth meridian

time) on the day of distribution at certain points along the western coast of the United States. The second part of the bulletin will contain a special forecast of the probable winds to be experienced a hundred miles or so offshore, made by the United State Weather Bureau, San Francisco, for distribution to shipmasters by naval radio as above. The second part of the bulletin will also contain warnings of severe storms along the coast as occasion may arise.

The points on the Pacific coast from which weather conditions will be furnished will be designated, respectively, by their initial letter:

T=Tatoosh.
 NH=North Head.
 E=Eureka.
 SF=San Francisco.
 SD=San Diego.

The bulletin will begin with the letters "U S W B S F," signifying United States Weather Bureau, San Francisco, and the weather conditions will follow. The first three figures of a report will represent the barometric pressure in inches (964=29.64); the next figure, the fourth in sequence, will represent the direction of the wind to eight points of the compass:

1=North.
 2=Northeast.
 3=East.
 4=Southeast.
 5=South.
 6=Southwest.
 7=West.
 8=Northwest.
 0=Calm.

The fifth figure will represent the force of the wind on the Beaufort scale.

If the weather conditions for any station can not be supplied, the initial of the station will be given, followed by the word "Missing"; and if any portion of a report can not be furnished, such portion will be replaced by an equivalent number of letters, X.

The coast line of the western part of the United States will be divided as follows:

Northern Pacific, Tatoosh to Cape Blanco.
 Central Pacific, Cape Blanco to Point Arguello.
 Southern Pacific, Point Arguello to San Diego.

The forecast and warning will be in ordinary language, and will cover a period of 24 hours from 5 p. m., date of issue. At the end of the forecast a statement will be made in regard to the location and movement of any barometric depression that may be likely to affect the winds over the ocean.

Example of forecast and warnings:

Northern Pacific missing Central Pacific Wednesday rain heavy southeast winds
 Southern Pacific moderate southerly winds period Southeast storm warnings displayed Pointarguello to Capeblanco.

HAWAII.

Weather bulletins obtained from the United States Weather Bureau at Honolulu are broadcasted daily by the Pearl Harbor Radio Station at 8 a. m., noon, 4 p. m., and 8 p. m., local time.

TUTUILA, SAMOA.

Local weather bulletins preceded by the letter "T" are broadcasted by the Tutuila Naval Radio Station at 8 a. m., noon, 4 p. m., and 8 p. m., local time.

TRANSMISSION OF TIME SIGNALS BY NAVAL RADIO STATIONS.

The transmission of time signals to vessels at sea by means of radiotelegraphy was first accomplished in the United States in 1905, and this service, enlarged and extended, has continued to the present time. This service is of the greatest value to mariners, as it furnishes a means by which the time, as given by the transmitted signals, may be compared with a ship's chronometer and the error of the chronometer found. Similar comparisons over a number of days enable data to be obtained by which not only the error may be found but also the chronometer rate; that is, the rate at which it is gaining or losing.

The noontime signals on the Atlantic coast are sent out through the coast radio stations by connection with Western Union telegraph lines from the United States Naval Observatory at Washington, D. C. By the operation of proper relays in electrical circuits, the beats of the seconds of a standard clock in the observatory are sent out broadcast as a series of radio dots, commencing five minutes before the time of the final signal. By omitting certain dots in a series, the comparison between the dots and the beats of the chronometer seconds can be checked until the instant of local noon (seventy-fifth meridian time) is reached. This is marked by a longer dot, which gives the time of exact noon. A comparison with the chronometer time at that instant gives its error referred to the seventy-fifth meridian time. Applying the difference in longitude, namely, five hours, between the seventy-fifth meridian and Greenwich, which is the standard meridian (or 0° longitude), the error of the chronometer referred to Greenwich time is determined.

According to information received from the Director of Naval Communications, time signals are being transmitted by the United States Naval Radio Stations as follows:

Station.	Call letters.	Wave length.	When sent.
		<i>Meters.</i>	
Washington.....	NAA	¹ 2,500	Daily at 11.55 a. m. to noon, and 9.55 to 10 p. m., standard time, seventy-fifth meridian.
Annapolis.....	NSS	² 17,000	Daily at 11.55 a. m. to noon, and 9.55 to 10 p. m., standard time, seventy-fifth meridian.
Key West.....	NAR	¹ 1,500	Daily at 11.55 a. m. to noon, standard time, seventy-fifth meridian.
New Orleans.....	NAT	¹ 1,000	Daily at 11.55 a. m. to noon, standard time, seventy-fifth meridian.
Balboa, Panama.....	NBA	² 7,000	Daily at 4.55 to 5 a. m., and 12.55 to 1 p. m., standard time, seventy-fifth meridian.
Colon, Panama.....	NAX	¹ 1,500	Daily at 4.55 to 5 a. m., and 12.55 to 1 p. m., standard time, seventy-fifth meridian.
Cavite, P. I.....	NPO	¹ 952 ² 5,000	Daily at 10.55 to 11 a. m., and 9.55 to 10 p. m., standard time, one hundred and twentieth meridian, east.
North Head, Wash.....	NPE	¹ 2,800	Daily at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
Eureka, Calif.....	NPW	¹ 2,000	Daily at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
Point Arguello, Calif.....	NPK	¹ 1,512	Daily except Sundays and holidays at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
San Diego, Calif.....	NPL	² 9,800 ¹ 2,400	Daily except Sundays and holidays at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
San Francisco, Calif.....	NPH	² 4,800 ¹ 2,400	Daily at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
Great Lakes, Ill.....	NAJ	¹ 1,512	Daily except Sundays and holidays at 10.55 a. m. to 11 a. m., standard time, ninety-fifth meridian.
Pearl Harbor, Hawaii.....	NPM	² 11,200 ¹ 600	Daily at one hundred and eightieth meridian, mean noon.

¹ Spark.² Arc.

INTERNATIONAL MORSE CODE AND CONVENTIONAL SIGNALS.

[To be used for all general public-service radio communication. (1) A dash is equal to three dots; (2) the space between parts of the same letter is equal to one dot; (3) the space between two letters is equal to three dots; (4) the space between two words is equal to five dots.]

A . _ _	Period.....	.. . . .
B _ _ . .	Semicolon.....	— . — . — .
C _ _ . _ .	Comma.....	— . — . — .
D _ _ .	Colon.....	— — — . . .
E .	Interrogation.....	.. — . . .
F . . _ . .	Exclamation point.....	— — . . — .
G _ _ _ .	Apostrophe.....	— . — — — .
H	Hyphen.....	— . . . — .
I . .	Bar indicating fraction.....	—
J . _ _ _ _	Parenthesis.....	— . — — — .
K _ _ .	Inverted commas.....	—
L _ . . .	Underline.....	.. — — — .
M _ _	Double dash.....	—
N _ .	Distress call.....	.. . — — —
O _ _ _ _	Attention call to precede every transmission..	— . — . — .
P . _ _ .	General inquiry call.....	— . . . — . — . — .
Q _ _ . _ .	From (de).....	— . . .
R _ . .	Invitation to transmit (go ahead).....	— . — .
S . . .	Warning—high power.....	— — . . . — .
T _	Question (please repeat after .....)—interrupting long messages.....	.. — . . .
U . . _ .	Wait.....	—
V . . . _ .	Break (Bk.) (double dash).....	— . . . — .
W _ . _ .	Understand.....	.. . — .
X _ . . .	Error.....	.. . . . .
Y _ _ . _ .	Received (O. K.).....	— . .
Z _ _ . . .	Position report (to precede all position messages).....	—
Ä (German)	End of each message (cross).....	— . — . .
Å or Ä (Spanish-Scandinavian)	Transmission finished (end of work) (conclusion of correspondence).....	.. . — . — .
CH (German-Spanish)		
É (French)		
Ñ (Spanish)		
Ö (German)		
Ü (German)		
1 . _ _ _ _		
2 . . _ _ _		
3 . . . _ _		
4 _		
5		
6 _		
7 _ _ . . .		
8 _ _ . . .		
9 _ _ _ . .		
0 _ _ _ _ _		

LIST OF ABBREVIATIONS TO BE USED IN RADIO COMMUNICATIONS.¹

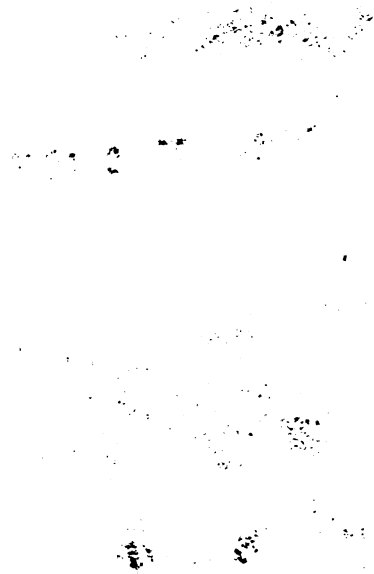
Abbreviation.	Question.	Answer or notice.
C Q	— . . . — . . . —	Signal of inquiry made by a station desiring to communicate.
T R	—	Signal announcing the sending of particulars concerning a station on shipboard (Art. XXII).
(I)	— —	Signal indicating that a station is about to send at high power.
PRB	Do you wish to communicate by means of the International Signal Code?	I wish to communicate by means of the International Signal Code.
QRA	What ship or coast station is that?	This is
QRB	What is your distance?	My distance is
QRC	What is your true bearing?	My true bearing is degrees.
QRD	Where are you bound for?	I am bound for
QRE	Where are you bound from?	I am bound from
QRF	What line do you belong to?	I belong to the Line.
QRH	What is your wave length in meters?	My wave length is meters.
QRJ	How many words have you to send?	I have words to send.
QRK	How do you receive me?	I am receiving well.
QRL	Are you receiving badly? Shall I send 20. for adjustment?	I am receiving badly. Please send 20. for adjustment.
QRM	Are you being interfered with?	I am being interfered with.
QRN	Are the atmospherics strong?	Atmospherics are very strong.
QRO	Shall I increase power?	Increase power.
QRP	Shall I decrease power?	Decrease power.
QRQ	Shall I send faster?	Send faster.
QRS	Shall I send slower?	Send slower.
QRT	Shall I stop sending?	Stop sending.
QRU	Have you anything for me?	I have nothing for you.
QRV	Are you ready?	I am ready. All right now.
QRW	Are you busy?	I am busy (or, I am busy with Please do not interfere).
QRX	Shall I stand by?	Stand by. I will call you when required.
QRY	When will be my turn?	Your turn will be No.
QRZ	Are my signals weak?	Your signals are weak.
QSA	Are my signals strong?	Your signals are strong.
QSB	Is my tone bad?	The tone is bad.
QSC	Is my spark bad?	The spark is bad.
QSD	Is my spacing bad?	Your spacing is bad.
QSE	What is your time?	My time is
QSF	Is transmission to be in alternate order or in series?	Transmission will be in alternate order.
QSG	.....	Transmission will be in series of 5 messages.
QSH	.....	Transmission will be in series of 10 messages.
QSI	What rate shall I collect for?	Collect
QSK	Is the last radiogram canceled?	The last radiogram is canceled.
QSL	Did you get my receipt?	Please acknowledge.

¹ When an abbreviation is followed by a mark of interrogation, it refers to the question indicated for that abbreviation.

LIST OF ABBREVIATIONS TO BE USED IN RADIO COMMUNICATIONS—Continued.

Abbreviation.	Question.	Answer or notice.
QSM	What is your true course?	My true course is degrees.
QSN	Are you in communication with land?	I am not in communication with land.
QSO	Are you in communication with any ship or station (or: with)?	I am in communication with (through).
QSP	Shall I inform that you are calling him?	Inform that I am calling him.
QSQ	Is calling me?	You are being called by
QSR	Will you forward the radiogram?	I will forward the radiogram.
QST	Have you received the general call?	General call to all stations.
QSU	Please call me when you have finished (or: at .. o'clock).	Will call when I have finished.
QSV ¹	Is public correspondence being handled?	Public correspondence is being handled. Please do not interfere.
QSW	Shall I increase my spark frequency?	Increase your spark frequency.
QSX	Shall I decrease my spark frequency?	Decrease your spark frequency.
QSY	Shall I send on a wave length of meters?	Let us change to the wave length of meters.
QSZ	.....	Send each word twice. I have difficulty in receiving you.
QTA	.....	Repeat the last radiogram.
QTE	What is my true bearing?	Your true bearing is degrees from
QTF	What is my position?	Your position is latitude longitude.

¹ Public correspondence is any radio work, official or private, handled on commercial wave lengths.



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